STIC Search Report
EIC 2600

STIC Database Tracking Number: 147330

TO: Scott Beliveau
Location: KNX 06 A01
Art Unit : 2614
Monday, March 14, 2005

Case Serial Number: 09/774458

From: Paul Obiniyi
Location: EIC 2600
KNX 08 B55
Phone: 305-1836

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Beliveau,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

(21)

Access DB# 147330

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Scott BELIVEAU Examiner #: 79346 Date: 3/9/05

Art Unit: 2614 Phone Number _____ Serial Number: 09/774 458

Location: ____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Subscriber class television channel with class member programming

Inventors (please provide full names): See Attached

Earliest Priority Filing Date: 1/31/01

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Looking for Headend at cable provider (Time Warner / Cox / Comcast) that Hosts a provisioning website

****

STAFF USE ONLY	Type of Search		Vendors and cost where applicable	
Searcher: Paul Obiniyi	Sequence (#)		STN	
Searcher Phone #: 27734	AA Sequence (#)		Dialog	✓
Searcher Location: KNX 8B55	Structure (#)		Questel/Orbit	
Date Searcher Picked Up: 03/11/05	Bibliographic	✓	Dr.Link	
Date Completed: 03/14/05	Litigation		Lexis/Nexis	
Searcher Prep & Review Time: 90	Fulltext	✓	Sequence Systems	
Clerical Prep Time:	Patent Family		WWW/Internet	✓
Online Time: 150	Other	✓	Other (specify)	R.D. IEEE, Proquest, text books

STIC Search Results Feedback Form

EIC 2600

Questions about the scope or the results of the search? Contact ***the EIC searcher or contact:***

Pamela Reynolds, EIC 2600 Team Leader
306-0255, CPK2-3C03

Voluntary Results Feedback Form

- *I am an examiner in Workgroup:* ☐ *Example: 2612*
- *Relevant prior art **found**, search results used as follows:*
  - ☐ 102 rejection
  - ☐ 103 rejection
  - ☐ Cited as being of interest.
  - ☐ Helped examiner better understand the invention.
  - ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
  (journal articles, conference proceedings, new product announcements etc.)

- *Relevant prior art **not found:***
  - ☐ Results verified the lack of relevant prior art (helped determine patentability).
  - ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC 2600 CPK2 3C03

```
? show files; ds; save temp; logoff hold
File   2:INSPEC 1969-2005/Feb W4
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Mar W1
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Feb W4
         (c) 2005 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Mar W1
         (c) 2005 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Feb
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Mar W2
         (c) 2005 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2005/Jan W5
         (c)2005 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2005/Jan W5
         (c) 2005 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
         (c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Mar W1
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2005/Mar 12
         (c) 2005 ProQuest Info&Learning

Set     Items   Description
S1       9346   HEADEND? OR HEAD()END? OR CENTRALOFFICE?  OR CENTRAL()OFFI-
            CE?
S2      87460   CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR C-
            OMCAST
S3      18498    ( HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER-
            ?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? -
            OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4      17541   AU=(ZUSTAK, F?   OR  ZUSTAK F? OR CHANG, M?      OR CHANG,
            M?  OR KRISHNAN, A?   OR  KRISHNAN A?  OR PROEHL, A?     OR P-
            ROEHL A? OR YANG, D?    OR   YANG D? OR SHINTANI, P?   OR   S-
            HINTANI P? OR EYER, M?     OR   EYER M? OR COLSEY, N?  OR   C-
            OLSEY N? OR C
S5          0   S4 AND S1
S6          6   S1 AND S3
S7          6   S6 NOT PY>2001
S8         72   S1 AND S2
S9         60   RD (unique items)
S10        60   S9 NOT S7
S11        40   S10 NOT PY>2001
S12        36   S11 NOT PD=20010131:20050314
```

7/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

5237154 INSPEC Abstract Number: B9605-6260-198
Title: The packaging of optical network units - A new paradigm or the topological tyranny of the PCB
Author(s): Wilson, D.K.
Author Affiliation: Interconnection Decision Consulting, Morristown, NJ, USA
Conference Title: Proceedings of the 1995 International Electronics Packaging Conference p.818-26
Publisher: Int. Electron. Packaging Soc, Wheaton, IL, USA
Publication Date: 1995 Country of Publication: USA 826 pp.
Material Identity Number: XX95-02143
Conference Title: Proceedings of 1995 International Electronics Packaging Conference
Conference Sponsor: Int. Electron. Packaging Soc
Conference Date: 24-27 Sept. 1995 Conference Location: San Diego, CA, USA
Language: English
Subfile: B

...Abstract: electronics and a shift in the bulk of the telecommunications packaging and interconnection concerns from **central office** equipment design to remote electronic node equipment design. A very different set of design trade-offs results from moving from **central office** to remote **sites** , from benign to **hostile** environments, from spacious, regular enclosures to space-constrained highly variable enclosures, from all copper to...

7/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

4769200 INSPEC Abstract Number: B9411-7210B-006
Title: DSR Test Receiver EDSR: Transmission reliability in digital radio
Author(s): Balz, C.
Author Affiliation: Rohde & Schwarz, Munchen, Germany
Journal: News from Rohde and Schwarz vol.34, no.145 p.4-7
Publication Date: 1994 Country of Publication: West Germany
CODEN: NROSAE ISSN: 0028-9108
Language: English
Subfile: B

...Abstract: and interference on transmission links, and is used for fully automatic signal monitoring at cable **head - ends** and at service **providers** as well as for on- **site** trouble-shooting.
...Identifiers: cable **head - ends** ;

7/3,K/3 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03322396 E.I. Monthly No: EIM9110-053840

Title: A microprocessor-based battery management system.
Author: Healy, Michael W.; Rhyne, Earl C.
Corporate Source: Ferro Magnetics Corp, St Louis, MO, USA
Conference Title: 12th International Telecommunications Energy Conference - INTELEC '90
Conference Location: Orlando, FL, USA Conference Date: 19901021
E.I. Conference No.: 15149
Source: INTELEC, International Telecommunications Energy Conference (Proceedings). Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA (IEEE cat n 90CH2928-0). p 386-391
Publication Year: 1990
CODEN: IITPDH ISSN: 0275-0473
Language: English

...Abstract: with remote site installations. Without a need for human involvement, the computer, located at a **central office** , can dial up remote sites, retrieve data, and make charger adjustments and/or settings. When necessary the computer will report any critical findings. Remote **sites** can be programmed to report trouble to the **host central office** computer. The systems use several algorithms (depending on the particular application) to measure or predict...

7/3,K/4 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

05869496 Genuine Article#: XD349 No. References: 14
Title: The department without walls - Acceptability, cost, and utilization of interactive video technology
Author(s): Crump WJ (REPRINT) ; Tessen RJ; Montero AJ
Corporate Source: UNIV TEXAS,MED BRANCH, DEPT FAMILY MED, 301 UNIV BLVD/GALVESTON//TX/77555 (REPRINT)
Journal: ARCHIVES OF FAMILY MEDICINE, 1997, V6, N3 (MAY-JUN), P273-278
ISSN: 1063-3987 Publication date: 19970500
Publisher: AMER MEDICAL ASSOC, 515 N STATE ST, CHICAGO, IL 60610
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Abstract: As groups of physicians continue to provide more of their activities in **sites** remote from the **central office** , communication among **providers** and staff and the provision of common educational activities are important priorities. An analysis of...

7/3,K/5 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06572552 SUPPLIER NUMBER: 80520869
Damage to Large Facility May Prolong Phone Problems
Solomon, Deborah; Young, Shawn
Wall Street Journal, p B5
Sep 13, 2001
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

ABSTRACT: Wireless service was also spotty because of cellular- **site**

outages suffered by several of the major wireless **providers** , including Sprint Corp. PCS Group and Verizon Wireless. The wireless problems were exacerbated by flooding...

...were not badly damaged. Mr. Babbio said the biggest damage sustained was to Verizon's **central office** facility at 140 West St., which was adjacent to 7 World Trade Center. The 7...

7/3,K/6 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06178532 SUPPLIER NUMBER: 62521339
DEALS & TRENDS: Inside Atlanta's commercial real estate market
Wilbert, Tony
Atlanta Journal the Atlanta Constitution, p B; 2
Oct 16, 2000
NEWSPAPER CODE: ATCJ
DOCUMENT TYPE: Column; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: September, AT&T opened a center in Phoenix in response to "exploding regional demand" for **Web - hosting** services. It calls the centers the "next-generation **central offices** ." The largest food distributor in the Southeast wants to expand its Atlanta presence. Greenville, S...
?

12/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7244031 INSPEC Abstract Number: B2002-05-6420D-003
Title: TV test receiver EFA. Digital multistandard platform for the analysis of QAM-modulated signals
Journal: News from Rohde and Schwarz vol.41, no.172 p.34-7
Publisher: Rohde & Schwarz,
Publication Date: 2001 Country of Publication: Germany
CODEN: NROSAE ISSN: 0028-9108
SICI: 0028-9108(2001)41:172L.34:TRDM;1-M
Material Identity Number: N049-2002-001
Language: English
Subfile: B

Abstract: When it comes to selecting TV programs, digital **cable** TV **provides** many consumers with an alternative to the digital terrestrial TV networks and the established DVB...

...the same physical layer (coaxial cable), enabling consumers to send back information to the cable **headend** (e.g., for Internet access, video on demand, etc.). The barrier between data communication equipment...

12/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

6995039 INSPEC Abstract Number: B2001-09-6430D-007
Title: Switch or router in a CMTS? Yes
Author(s): Cloonan, T.; Dukes, S.
Journal: CED vol.27, no.6 p.108-10
Publisher: Cahners Business Information,
Publication Date: June 2001 Country of Publication: USA
CODEN: CCEDE3 ISSN: 1044-2871
SICI: 1044-2871(200106)27:6L.108:SRC;1-I
Material Identity Number: I824-2001-009
Language: English
Subfile: B

Abstract: Cable modem termination systems (CMTS) are positioned at the **headend** or hub of a **cable** system to **provide** connectivity between the Internet and cable modem. The specific requirements for CMTS products are defined...
...Identifiers: cable **headend** ;

12/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

6666075 INSPEC Abstract Number: B2000-09-6430G-011
Title: Advanced optical and digital architectures for video-on-demand
Author(s): Trail, J.; Emms, D.

Journal: CTE-The Cable Communications Quarterly vol.22, no.2 p. 18-22
Publisher: Soc. Cable Telecommun. Eng,
Publication Date: June 2000 Country of Publication: UK
CODEN: CCTEFE
Material Identity Number: E366-2000-002
Language: English
Subfile: B

Abstract: In the future an increasing amount of video content will be **provided** to the **cable** subscriber as an on-demand service rather than a broadcast service. This advanced service can...

... much more appealing. This paper describes how to centralise the video server hardware in the **headend** and use DWDM to transport the digital video streams in `on channel' QAM256 format out...
...Identifiers: **headend** ;

12/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

6644082 INSPEC Abstract Number: B2000-08-6120-023
Title: Asynchronous communication and symbol synchronization in multipoint-to-point multicarrier systems
Author(s): Chandran, R.; Patton, M.J.; Melsa, P.J.W.; Marchok, D.J.
Author Affiliation: Tellabs Res. Center, Mishawaka, IN, USA
Conference Title: Seamless Interconnection for Universal Services. Global Telecommunications Conference. GLOBECOM'99. (Cat. No.99CH37042) Part vol.4 p.2285-9 vol.4
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1999 Country of Publication: USA 6 vol.(lii+2798) pp.
ISBN: 0 7803 5796 5 Material Identity Number: XX-2000-00491
U.S. Copyright Clearance Center Code: 0 7803 5796 5/99/$10.00
Conference Title: Seamless Interconection for Universal Services. Global Telecommunications Conference. GLOBECOM'99
Conference Date: 5-9 Dec. 1999 Conference Location: Rio de Janeireo, Brazil
Language: English
Subfile: B

...Abstract: robust symbol synchronization technique, especially for aligning the transmissions of the remote units at the **headend** (the central site), is presented. Both techniques are highly efficient and cause negligible degradation in...
...Identifiers: **headend** ; ...

... **cable** television service **providers** ;

12/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

6522552 INSPEC Abstract Number: B2000-04-6220J-005, C2000-04-5630-003
Title: An implementation of VoIP cable modem

Author(s): Gun Seo; Woo-Chang Hwang; Youngok Rhee
Author Affiliation: Access Network Res. Tea, DACOM R&D Center, Taejon, South Korea
Conference Title: Proceedings of IEEE. IEEE Region 10 Conference. TENCON 99. `Multimedia Technology for Asia-Pacific Information Infrastructure' (Cat. No.99CH37030) Part vol.2 p.1532-5 vol.2
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 1999 Country of Publication: USA 2 vol.xxxvii+1583 pp.
ISBN: 0 7803 5739 6 Material Identity Number: XX-2000-00029
U.S. Copyright Clearance Center Code: 0 7803 5739 6/99/$10.00
Conference Title: Proceedings of IEEE. IEEE Region 10 Conference. TENCON 99. `Multimedia Technology for Asia-Pacific Information Infrastructure'
Conference Sponsor: Inst. Electron Eng. Korea; Korea Inf. Sci. Soc.; Korean Inst. Electr. Eng.; Korean Inst. Commun. Sci.; IEEE Region 10; Minist. Sci. & Technol.; Minist. Educ.; Cheju Province
Conference Date: 15-17 Sept. 1999 Conference Location: Cheju Island, South Korea
Language: English
Subfile: B C

...Abstract: technology allows high-speed bi-directional transfer of Internet protocol (IP) traffic, between the CATV **headend** system and customer locations, over all-coaxial or hybrid fiber-coax (HFC) cable network. With...

... over IP) technology, IP telephony service via cable networks has become a preferred strategy for **cable** data service **providers** . This paper presents an implementation of VoIP cable modem, which is named DCM-100. Design...
...Identifiers: CATV **headend** system...

... **cable** data service **providers** ;

12/3,K/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

5804891 INSPEC Abstract Number: B9802-6430D-013
Title: Bringing digital services to the headend : **enhanced** headend **maintenance, part 4**
Author(s): Reed-Nickerson, L.
Journal: CED vol.23, no.12 p.80, 82, 84
Publisher: Chilton Publications,
Publication Date: Nov. 1997 Country of Publication: USA
CODEN: CCEDE3 ISSN: 1044-2871
SICI: 1044-2871(199711)23:12L.80:BDSH;1-6
Material Identity Number: I824-97014
Language: English
Subfile: B

Title: Bringing digital services to the headend : **enhanced** headend **maintenance, part 4**
Abstract: Generally speaking, **cable headends** which **provide** good analog performance will be "digital ready". Part four of this series on **headend** maintenance examines steps to ensure a smooth transition to

digital with a minimum of problems...
...Identifiers: **headend** maintenance...

...cable **headend**s

12/3,K/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

5752803 INSPEC Abstract Number: B9712-6430C-011
Title: HD-SAT: digital HDTV-broadcasting by satellite and cable networks with commonality for terrestrial broadcasting
Author(s): Dosch, C.; Lavan, E.
Author Affiliation: Inst. fur Rundfunktech., Munich, Germany
Conference Title: Proceedings of the European Conference on Multimedia Applications, Services and Techniques Part vol.2 p.491-512 vol.2
Editor(s): Delogne, P.; Hutchison, D.; Macq, B.; Quisquater, J.-J.
Publisher: Univ. Catholique Louvain, Louvain, Belgium
Publication Date: 1996 Country of Publication: Belgium 2 vol. 922 pp.
Material Identity Number: XX97-02366
Conference Title: Proceedings of European Conference on Multimedia Applications, Services and Techniques
Conference Date: 28-30 May 1996 Conference Location: Louvain la Neuve, Belgium
Language: English
Subfile: B

...Abstract: graceful degradation to assure the required service continuity. MPEG-2 transmultiplexing is performed at the **cable headend** to **provide** an optimised transport stream for the cable channel. Maximising compliance to MPEG-2 standards for...
...Identifiers: cable **headend** ;

12/3,K/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

5414990 INSPEC Abstract Number: B9612-6430D-027
Title: MediaOne: Investing in super headends
Author(s): Newsom, L.; Nelson, T.
Journal: CED vol.22, no.11 p.28, 31-2, 34-5
Publisher: Chilton Publications,
Publication Date: Oct. 1996 Country of Publication: USA
CODEN: CCEDE3 ISSN: 1044-2871
SICI: 1044-2871(199610)22:11L.28:MISH;1-Y
Material Identity Number: I824-96010
Language: English
Subfile: B

Title: MediaOne: Investing in super headends
Abstract: MediaOne, the main **provider** of **cable** television entertainment services throughout metropolitan Atlanta is rebuilding/upgrading its network by investing heavily in super **headends** , consolidating from 12 **headends** down two very large **headends** . This case

study details the challenges and opportunities operators face in **headend** consolidation.
...Identifiers: super **headends** ; ...
... **headend** consolidation

12/3,K/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

5280228 INSPEC Abstract Number: B9607-6220B-021
Title: The channel capacity of hybrid fiber/coax (HFC) networks
Author(s): Kerpez, K.J.
Author Affiliation: Bellcore, Morristown, NJ, USA
Conference Title: Proceedings 1995 IEEE International Symposium on Information Theory (Cat. No.95CH35738) p.481
Publisher: IEEE, New York, NY, USA
Publication Date: 1995 Country of Publication: USA xxii+506 pp.
ISBN: 0 7803 2453 6 Material Identity Number: XX94-02584
Conference Title: Proceedings of 1995 IEEE International Symposium on Information Theory
Conference Sponsor: Inf. Theory Soc. IEEE
Conference Date: 17-22 Sept. 1995 Conference Location: Whistler, BC, Canada
Language: English
Subfile: B

...Abstract: inexpensive architecture for providing broadband services to residences. It has optical fibers extending from the **central office** or **headend** to remote fiber nodes. Extending from the fiber nodes to the residences is a coaxial...

... range of optical fiber with the high bandwidth and simple electrical interfaces of the coaxial **cable** . HFC will initially **provide** telephony and **cable** TV, but it also has sufficient bandwidth for future interactive and multimedia services. Many regional...
...Identifiers: **central office** ; ...

... **headend** ;

12/3,K/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC

5072432 INSPEC Abstract Number: B9511-6260-190, C9511-7410F-051
Title: Design of highly reliable optical fiber cable network in access networks
Author(s): Iwashita, M.; Oikawa, H.; Imanaka, H.; Toyoshima, R.
Author Affiliation: NTT Telecommun. Networks Labs., Musashino, Japan
Journal: IEICE Transactions on Communications vol.E78-B, no.7 p. 1033-42
Publication Date: July 1995 Country of Publication: Japan
CODEN: ITCMEZ ISSN: 0916-8516
Language: English
Subfile: B C

...Abstract: wide speculation regarding the introduction of optical fiber cable into access networks. Since optical fiber **cable** can **provide** a variety of grade of services, high-reliability of cable networks would be required. To...

... of star- and loop-shaped (where two diversified routes exist between a feeder point and **central office**) cable network. Furthermore, comparison with the conventional design method which simply applies star- or loop...

12/3,K/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

4966040 INSPEC Abstract Number: B9507-8150-011, C9507-3340H-144
Title: Two-way communications using cable TV
Author(s): Bonnici, J.
Author Affiliation: Dept. of Energy Manage. Marketing, Ontario Hydro, Toronto, Ont., Canada
Journal: Transmission and Distribution vol.47, no.3 p.42, 44-6, 49
Publication Date: March 1995 Country of Publication: USA
CODEN: TRDIAT ISSN: 0041-1280
U.S. Copyright Clearance Center Code: 0041-1280/95/$2.00+00.00
Language: English
Subfile: B C

...Abstract: system to a real-time, two-way communications system. Along with the forward broadband signal **provided** to **cable** customers, communications signals are allowed to travel from the customer side back to the cable TV **head end** . The second part involved installing and operating an AMR system. The performance of an AMR...

... part involved installing transponders at customer sites and computer equipment at the cable company's **head end** . The demonstration was a cooperative effort between Classic Communications Ltd. (Classicomm), TerStar Enersystems, Richmond Hill...

12/3,K/12 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC

03630050 INSPEC Abstract Number: B90039963
Title: Can VideoCipher regain cable's trust?
Author(s): Brown, R.
Journal: CED vol.16, no.2 p.26-30
Publication Date: Feb. 1990 Country of Publication: USA
CODEN: CCEDE3 ISSN: 0191-5428
Language: English
Subfile: B

...Abstract: dish owners, populations that were both growing astronomically. HBO chose the VideoCipher encryption technology and **provided** its **cable** affiliates with **headend** descrambling equipment. All major cable programmers have followed suit, making the VideoCipher technology the de...
...Identifiers: **headend** descrambling equipment

12/3,K/13 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC

03116260 INSPEC Abstract Number: B88028561
Title: Wireless digital carrier for the rural local loop
Author(s): Clements, P.E.
Journal: Telephone Engineer and Management vol.91, no.10 p.82-6
Publication Date: 15 May 1987 Country of Publication: USA
CODEN: TPEMAW ISSN: 0040-263X
Language: English
Subfile: B

...Abstract: as shown by the wireless digital loop carrier (DLC), is an alternative to conventional rural **cable** service. Wireless DLC **provides** radio coverage replacement for the local loop that will interface with any standard **central office** switch on a two-wire level. Service to subscribers is provided through the use of a fully trunked digital-radio system, typically located within the same exchange boundary. At the **central office** , each subscriber has the usual pair termination at the switch. These terminations are concentrated to standard T1 trunk groups in the **central office** terminal. These trunk groups are routed to the radio carrier station, located in the area...
...Identifiers: **central office** switch

12/3,K/14 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC

02392021 INSPEC Abstract Number: B85014458, C85010805
Title: High spectral efficiency LAN for CATV systems
Author(s): Crutcher, W.L.
Author Affiliation: Reliance Comm/Tec, Richardson, TX, USA
Conference Title: Links for the Future. Science, Systems & Services for Communications. Proceedings of the International Conference on Communications-ICC 84 p.136-40 vol.1
Editor(s): Dewilde, P.; May, C.A.
Publisher: North-Holland, Amsterdam, Netherlands
Publication Date: 1984 Country of Publication: Netherlands 2 vol. liv+1622 pp.
ISBN: 0 444 87524 7
U.S. Copyright Clearance Center Code: CH 2028-9/84/0000-0136$01.00
Conference Sponsor: IEEE; IEE; EUREL; Klvl
Conference Date: 14-17 May 1984 Conference Location: Amsterdam, Netherlands
Language: English
Subfile: B C

...Abstract: system is described. The system consists principally of two elements, a smart modem and a **headend** translator. System control is **provided** at the **cable headend** facilities. The modulator and demodulator designs are based on an arbitrary amplitude and on phase...
...Identifiers: **headend** translator

12/3,K/15 (Item 15 from file: 2)
DIALOG(R)File 2:INSPEC

02129380 INSPEC Abstract Number: B83056398
Title: Pipe flow simplified
Author(s): Dimeff, J.
Author Affiliation: NASA Ames Res. Center, Pasadena, CA, USA
Journal: Telephone Engineer and Management vol.87, no.12 p.69-71
Publication Date: 15 June 1983 Country of Publication: USA
CODEN: TPEMAW ISSN: 0040-263X
Language: English
Subfile: B

Abstract: A well designed air supply system for pressurized cables will **provide** adequate pressure for **cable** protection even at the stations most remote from the **central office** and under conditions of catastrophic failure. Achieving this level of performance, however, would require investment...

12/3,K/16 (Item 16 from file: 2)
DIALOG(R)File 2:INSPEC

01615574 INSPEC Abstract Number: B81002565, C81002647
Title: PlayCable: a technological alternative for information services
Author(s): Dages, C.L.
Author Affiliation: Jerrold Div., General Instrument Corp., Newark, NJ, USA
Journal: IEEE Transactions on Consumer Electronics vol.CE-26, no.3 p.482-6
Publication Date: Aug. 1980 Country of Publication: USA
CODEN: ITCEDA ISSN: 0098-3063
Language: English
Subfile: B C

...Abstract: system. Technical details of the PlayCable CATV data transmission system are presented, highlighted by the **headend** computer system, which can become the basis of a host of future CATV services. Utilizing...

... in the United States designed to not only test the technological and cost advantages of **providing** these services via **cable** , but also the marketing potential for digitally based software.
...Identifiers: **headend** computer system

12/3,K/17 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

0810746 NTIS Accession Number: PB80-159189/XAB
A Computer Simulation of Broadband Cable Distribution Systems
Coganspargerger, L. A.
Rensselaer Polytechnic Inst., Troy, NY.
Corp. Source Codes: 024503000
Sponsor: National Science Foundation, Washington, DC. Engineering and Applied Science.

Report No.: NSF-RA-S-74-120
May 74 134p
Languages: English
Journal Announcement: GRAI8012
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A07/MF A01

A substantial increase in consumer demand for services **provided** by **cable** television (CATV) systems has been found. Telecommunication services over a broadband communication network have greatly expanded. Services will require that the subscriber be able to return information to the **headend** . In order to aid in the comparison of frequency division multiplexed broadband cable communications systems...

12/3,K/18 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04502024 E.I. No: EIP96093334912
Title: 'Hybrid intelligent network (IN)' solution for local number portability (LNP)
Author: Batnl, Ram P.
Corporate Source: AG Communication Systems, Phoenix, AZ, USA
Conference Title: Proceedings of the 1996 IEEE Intelligent Network Workshop, IN'96. Part 2 (of 2)
Conference Location: Melbourne, Aust Conference Date: 19960421-19960424
E.I. Conference No.: 45302
Source: IEEE Intelligent Network Workshop, IN v 2 1996. IEEE, Piscataway, NJ, USA,96TH8174. 6pp
Publication Year: 1996
CODEN: 002435
Language: English

...Abstract: Operating Companies, are interested in entering the long-distance market, while inter-exchange carriers and **cable** companies wish to **provide** local telecommunications services. Market research by some of the interested parties indicates that a major...

...number portability, i.e., the subscriber's existing telephone number is tied to a specific **central office** switch and cannot be ported to a different service provider's switch. Without number portability...

12/3,K/19 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

02245336 E.I. Monthly No: EIM8704-029653
Title: COMPARATIVE STUDY OF HYBRID-IPPV IMPLEMENTATIONS.
Author: Sirazi, Semir; Bestler, Chip; Rossen, Tom; Reichard, Gordon Jr.
Corporate Source: Zenith Electronics Corp
Conference Title: NCTA Cable 85 Technical Papers, 34th Annual Convention/Exposition & Programming Conference.
Conference Location: Las Vegas, NV, USA Conference Date: 19850602
E.I. Conference No.: 09411

Source: Technical Papers - NCTA Annual Convention (National Cable Television Association) 1985. Publ by Natl Cable Television Assoc, Washington, DC, USA p 27-33
Publication Year: 1985
CODEN: TPACDJ ISBN: 0-940272-11-3
Language: English

...Abstract: way capabilities. The public telephone network can be used to collect user requests while the **cable** system is **providing** video programming. Economically and technically this is the only basis for a solution at present...

...present telephone system technology and real-time computer capabilities. The proposed scheme also offloads the **central office** switch and allows a large number of calls to be processed at higher capacity than standard call switching. The high volume of requests that are passed to the cable **headend** must be translated and validated by the **headend** computer to allow for timely authorization of addressable decoders.
Identifiers: PUBLIC TELEPHONE; USER REQUESTS; VIDEO PROGRAMMING; HYBRID IMPULSE-PAY-PER-VIEW; **CENTRAL OFFICE** SWITCH; HIGHER CAPACITY

12/3,K/20 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

02244940 E.I. Monthly No: EIM8704-029127
Title: BTSC: THE STEREO FOR CABLE.
Author: Robbins, Clyde
Corporate Source: General Instrument Corp
Conference Title: 1986 NCTA Technical Papers: Cable 86.
Conference Location: Dallas, TX, USA Conference Date: 19860315
E.I. Conference No.: 09412
Source: Technical Papers - NCTA Annual Convention (National Cable Television Association) 1986. Publ by Natl Cable Television Assoc, Washington, DC, USA p 10-14
Publication Year: 1986
CODEN: TPACDJ ISBN: 0-940272-12-1
Language: English

...Abstract: available to the cable operator. The enhanced entertainment value of stereo video programs should be **provided** to the **cable** subscriber as soon as possible in order to stay competitive. BTSC is the best choice...

...for video program audio because of the ease of interface and compatibility, both in the **headend** and the home. Video buzz interference has been the major drawback to BTSC stereo, but...

12/3,K/21 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01484951 20010200490
Evolving to the IP solution - IP access to embedded circuit switched systems
Proano, JC; Gambill, J
NCTA 2000, Nat. Cable Television Assoc., Technical Papers, 49th Annual NCTA

Convention and Internat. Exposition, New Orleans, USA, May 7-10, 20002000
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 0-940272-28-8

ABSTRACT:
...CableLabs' PacketCable specifications, and (2) Providing IP telephony access to existing telephony equipment in the **headend** . The latter approach allows existing circuit switches deployed by an MSO or other service provider to **provide** telephony service to **cable** users on an IP based cable access plant. This scenario allows a migration from circuit...

12/3,K/22 (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01484946 20010200495
Local commercial insertion in the digital headend
Kar, ML; Narasimhan, S; Prodan, RS
NCTA 2000, Nat. Cable Television Assoc., Technical Papers, 49th Annual NCTA Convention and Internat. Exposition, New Orleans, USA, May 7-10, 20002000
Document type: Conference paper Language: English
Record type: Abstract
ISBN: 0-940272-28-8

Local commercial insertion in the digital headend

ABSTRACT:
Existing ad insertion systems enable cable **headends** and broadcast affiliates to insert locally generated commercials and short programs in a channel seamlessly...

...Subcommittee (DVS) has established a splicing standard DVS 253 'Digital Program Insertion Cueing Message for **Cable** ' to **provide** cue messaging and splicing in a more digital **headend** friendly manner, which does not require restrictions or constraints on MPEG-2-compliant transport streams
...
...312M will be discussed. The solutions employed in DVS 253 will be described including digital **headend** friendly features. The implementation of DVS 253 to insert compressed commercials at the **headend** , including the issue of invisibility from commercial killers, will be addressed. As cost is related...
IDENTIFIERS: DIGITALES PROGRAMMEINFUEGESYSTEM; MPEG 2 STANDARD; DIGITALES **HEADEND** ; digitale Programmeinfuegung; digitales **Headend**

12/3,K/23 (Item 3 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01022649 E96096892062
Interactive television - Architectures under test
(Interaktives Fernsehen - Architekturen unter Test)
Hoarty, WL
ICTV Los Gatos, USA
19th Internat. Television Symp. and Tech. Exhibition, Symp. Record, Cable, Satellite and Terrestrial Sessions, Montreux, CH, Jun 8-13, 19951995

Document type: Conference paper Language: English
Record type: Abstract

ABSTRACT:
...United States testing a broad range of interactive television services. Most visible has been the **Time Warner** trial in Orlando, Florida, but two additional trials are about to launch, both in Omaha...

...trial is conducted by US West, a Regional Bell Operating Company; the other is by **Cox** Communications, Inc., using the ICTV Inc. system. Both trials in Omaha are using broadband hybrid...

...contrarian in the interactive television arena, ICTV places most of the network intelligence in the **headend** /hub servicing the many neighborhood fiber service areas. This paper will examine the basic architecture...

12/3,K/24 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2319213 H.W. WILSON RECORD NUMBER: BAST99047669
Look, ma, no towers
Martinek, Marcia;
Wireless Review v. 16 no15 (Aug. 1 1999) p. 20-4
DOCUMENT TYPE: Feature Article ISSN: 1099-9248

...ABSTRACT: Superior, Wisconsin. PCS over cable uses equipment installed on the cable strands and at the **cable** plant **headend** to **provide** for the reception, backhaul, and transmission of PCS signals between handsets and base transceiver stations...

12/3,K/25 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

09380824
Teleste rakentaa tUydellisen kaapeliverkon Isle of Wight:lle
UK: TELESTE AWARDED CONTRACT
Press Release (Teleste) (PRS) 09 Oct 2000 p.1
Language: FINNISH

... of Wight Cable and Telephone Company has chosen Finnish Teleste as the technical integrator for **providing** its complete broadband **cable** network solution. The contract values EUR 2.9mn. Deliveries will begin in 2000. Deliveries include Teleste's digital **headends** , fibre nodes and amplifiers all with network management software. Additionally, deliveries will include third party...

12/3,K/26 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

04282673
TIME WARNER TO BUILD 1 GHz CABLE TV SYSTEM
US - **TIME WARNER** TO BUILD 1 GHz CABLE TV SYSTEM

Lightwave (LWV) 0 May 1991 p11
ISSN: 0741-5834

TIME WARNER TO BUILD 1 GHz CABLE TV SYSTEM
US - **TIME WARNER** TO BUILD 1 GHz CABLE TV SYSTEM

Time Warner 's (New York) Cable Group division is constructing a 1 GHz cable TV system in...

... Brooklyn, Queens cable system. The new system uses a star architecture running signals from the **headend** to neighbourhoods, instead of a tree-and-branch topology. Article includes technical details about the...

12/3,K/27 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

01896296
AT&T TO SET UP PAY-PER-VIEW TV SERVICE
US - AT&T TO SET UP PAY-PER-VIEW TV SERVICE
TV Digest (TVD) 2 May 1988 p10

... seconds to register the subscriber's purchase. It will be launched from AT&T's **central office** in Los Angeles, and will be available from other locations according to demand. According to the company, **cable** operators could **provide** up to 22 different programmes, each with its own AT&T 800 number. 1.5...

12/3,K/28 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06226164 SUPPLIER NUMBER: 63960577
Cable Connection Selections
Pegoraro, Rob
Washington Post, p E01
Nov 17, 2000
ISSN: 0190-8286 NEWSPAPER CODE: TWP
DOCUMENT TYPE: COLUMN ; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: working after the first 15,000 feet of copper wire leading away from a telephone **central office** . In the District itself, for instance, Verizon has wired every neighborhood telephone **central office** for DSL service, but 15 percent of the market still can't get a connection. Some houses are just too far from a **central office** . Cheaper, DSL-incompatible fiber used to replace copper cuts off others. Neither problem can be...

...Smith, a Tysons Corner- based marketing manager for Verizon competitor Covad Communications, said, "There are [**central offices**] out in the rural areas where 90 percent of the served end users are outside of current DSL capabilities." " **Comcast** and, in fact, most cable operators are certainly very open to the idea of dealing with a multitude of Internet service providers," he said. **Comcast** 's own ISP, Excite At Home, is a separate company that negotiated an access agreement to use **Comcast** 's

fiber. Nothing would prevent a limited number of other ISPs from signing a similar...

12/3,K/29 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06149208 SUPPLIER NUMBER: 60945196
Missouri Firm Asks Regulators to Ban Time Warner **Pacts**
Anonymous
Wall Street Journal, p B10
Sep 26, 2000
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

Missouri Firm Asks Regulators to Ban Time Warner **Pacts**

...ABSTRACT: equipment from Scientific Atlanta, the Atlanta-based company said it had an exclusive agreement with **Time Warner** . Under that agreement, Scientific Atlanta agreed not to sell to any company that competes with **Time Warner** the " **head end** " equipment used to funnel programming into the cable network, or the set-top boxes used...

12/3,K/30 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06037931 SUPPLIER NUMBER: 55477798
Technology (A Special Report) -- The Net --- How Broadband Delivers
Fry, Jason
Wall Street Journal, p R22
Jun 26, 2000
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: you live in lower Manhattan and have cable TV or high-speed Net access from **Time Warner** Cable, a unit of **Time Warner** Inc., the last mile is more like a single city block. The coaxial cable that...

...optic lines are converted into electrical signals that run along the coaxial cables into homes. **Central offices** vary somewhat, but one way or another the cables are fed through the building and...

12/3,K/31 (Item 4 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

06027275 SUPPLIER NUMBER: 55304949
E-BUSINESS: Software Subscriptions: 100 Titles, $9.95 a Month --- It Could Reshape the Industry And Accelerate Demand For High-Speed Internet
Bulkeley, William M
Wall Street Journal, p B1
Jun 19, 2000

ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: a small software player that interacts with a server run by the companies at the **central office** of the telephone company or **cable provider** . Even for interactive games with a lot of motion like Quake or Pinball, users play...

12/3,K/32 (Item 5 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

05810527 SUPPLIER NUMBER: 47520914
CNN unsure of outside influences ATLANTA TECH: APPROACHING THE MILLENNIUM: THE Y2K GURUS
Clothier, Mark
Atlanta Constitution, p E; 5
Dec 29, 1999
NEWSPAPER CODE: ATL
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: Broadcasting executive who coordinated TBS's push to make sure the Atlanta-based piece of **Time Warner** is ready for the change. "We rely on what they've told us. We feel...

...it reaches your home. Beamed to satellites controlled by software, it is then sent to **head - end** equipment owned by cable television companies. The **head - end** hardware then sends the Andy Griffith reruns to your Zenith.

12/3,K/33 (Item 6 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

05714254
Speed opens up new uses for Net
Silverman, Dwight
Houston Chronicle, Sec F, p 1, col 1
Sep 24, 1999
ISSN: 1074-7109 NEWSPAPER CODE: HC
DOCUMENT TYPE: Commentary; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: service at my house, but I'm too far away from my phone company's **central office** to get ADSL. (I tested ADSL, or Asymmetrical Digital Subscriber Lines, via a connection at...

...seconds or so, my connection would suddenly stop responding, then pick up again. It took **Time Warner** more than 10 days to get a technician to my house to check it out...

12/3,K/34 (Item 7 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

05474090
Fast crowd / High-speed Net access blows into town
Silverman, Dwight
Houston Chronicle, Sec C, p 1, col 2
Mar 25, 1999
ISSN: 1074-7109 NEWSPAPER CODE: HC
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

ABSTRACT: Southwestern Bell will launch its FastTrak ADSL phone service on April 1, with **Time Warner** Cable's competing Road Runner cable modems coming as early as May. While only customers served by 10 Bell **central offices** initially will have access to ADSL, or Asymmetrical Digital Subscriber Lines, a second phase of...

...rollout scheduled for April 15 will open it up to nearly 300,000 Bell customers. **Time Warner** 's service initially will be available to nearly all of its customers in May or...

COMPANY INFORMATION:
... **Time Warner** Cable Group

12/3,K/35 (Item 8 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

05212105
Telecommunications (A Special Report): Bypassing the Bells --- The Cable Edge: Why the phone companies just may lose out in the long run
Takahashi, Dean
Wall Street Journal, Sec R, p 14, col 4
Sep 21, 1998
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
DOCUMENT TYPE: Feature; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

ABSTRACT: **Cable providers** have to spend billions of dollars, and several years, to upgrade their networks before they...

...a Boston research firm. That includes the cost of a modem, installing equipment in a **central office** , cleaning up the phone line, putting wiring in the customer's home by a technician and adding networking equipment to connect the **central office** to the Internet.

12/3,K/36 (Item 9 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

04779170
Time Warner **steps up digital cable race**
Lieberman, David

USA TODAY, Sec B, p 1, col 5
Nov 3, 1997
ISSN: 0734-7456 NEWSPAPER CODE: US
DOCUMENT TYPE: News; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Medium (6-18 col inches)

Time Warner **steps up digital cable race**

ABSTRACT: **Time Warner** might be on a collision course with Tele-Communications Inc. to control one of the...

...most important new businesses -- one that could affect the programming millions of subscribers will see. **Time Warner** says that in the first half of 1998, it will pick a group of cable...

...digital signals, and package and distribute them to local operators via satellite. That could make **Time Warner** a competitor of TCI in cable's fast-growing digital TV distribution business. TCI's service, called **Headend** in the Sky (HITS), has no major rival.

COMPANY INFORMATION:
Time Warner Inc...

```
? show files; ds; save temp; logoff hold
File 347:JAPIO Nov 1976-2004/Oct(Updated 050209)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200517
         (c) 2005  Thomson Derwent

Set     Items   Description
S1      10271   HEADEND? OR HEAD()END? OR CENTRALOFFICE?  OR CENTRAL()OFFI-
             CE?
S2      19692   CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR C-
             OMCAST
S3       3427   ( HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER-
             ?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? -
             OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4       1837   AU=(ZUSTAK, F?   OR  ZUSTAK F? OR CHANG, M?      OR CHANG,
             M?  OR KRISHNAN, A?   OR  KRISHNAN A?  OR PROEHL, A?     OR P-
             ROEHL A? OR YANG, D?    OR   YANG D? OR SHINTANI, P?   OR   S-
             HINTANI P? OR EYER, M?     OR   EYER M? OR COLSEY, N?  OR   C-
             OLSEY N? OR C
S5     844568   IC=H04N?
S6        187   S4 AND S5
S7          8   S6 AND S1
S8          9   S1 AND S3
S9          3   S8 AND S5
S10         3   S9 NOT S7
S11       103   S1 AND S2
S12        63   S11 AND S5
S13        32   S12 NOT PY>2001
S14        32   S13 NOT AD=20010131:20050314
```

7/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

04948307 **Image available**
CABLE NETWORK SYSTEM, AND TWO-WAY COMMUNICATION METHOD, REPEATER AND TERMINAL EQUIPMENT FOR THE SAME

PUB. NO.: 07-240907 [JP 7240907 A]
PUBLISHED: September 12, 1995 (19950912)
INVENTOR(s): **SHINTANI PIITAA**
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-055168 [JP 9455168]
FILED: February 28, 1994 (19940228)

INVENTOR(s): **SHINTANI PIITAA**
INTL CLASS: **H04N-007/14** ; H04H-001/02; H04H-001/08

ABSTRACT

...to transmit the packet to the downstream side, the packet is transmitted to the upstream **head end** 2 by a local sub **head end** 3 (or 4) along a path P2 and automatically transmitted through the different sub **head end** 4 (or 3) to any suitable end user (node). One-way information and two-way ...

7/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015873716 **Image available**
WPI Acc No: 2004-031547/200403
Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140; 2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728; 2003-854288; 2003-875004; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N04-024882

Partially dual encrypting method used in satellite television system, involves encrypting specific data packets identified from unencrypted packets and replacing unencrypted packets in digital video signal with encrypted packets

Patent Assignee: CANDELORE B L (CAND-I); DEROVANESSIAN H (DERO-I); PEDLOW L M (PEDL-I)
Inventor: **CANDELORE B L** ; DEROVANESSIAN H; PEDLOW L M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030156718	A1	20030821	US 200237498	A	20020102	200403 B
			US 200237499	A	20020102	
			US 200237914	A	20020102	
			US 200238032	A	20020102	
			US 200238217	A	20020102	
			US 2002409675	P	20020909	
			US 2002273905	A	20021018	
			US 2002303594	A	20021125	

Priority Applications (No Type Date): US 2002409675 P 20020909; US 200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102; US 200238032 A 20020102; US 200238217 A 20020102; US 2002273905 A 20021018; US 2002303594 A 20021125
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030156718	A1		21	H04N-007/167	CIP of application US 200237498 CIP of application US 200237499 CIP of application US 200237914 CIP of application US 200238032 CIP of application US 200238217 Provisional application US 2002409675 CIP of application US 2002273905

Inventor: **CANDELORE B L** ...

Abstract (Basic):
... cable television system **head end** (100...
International Patent Class (Main): **H04N-007/167**
...International Patent Class (Additional): **H04N-007/12** ...

... **H04N-011/02** ...

... **H04N-011/04**

7/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015739348 **Image available**
WPI Acc No: 2003-801549/200375
Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140; 2003-744465; 2003-778053; 2003-801037; 2003-801728; 2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-642287
Video on demand providing method involves removing encrypted segments which are not associated with order received from subscriber, from stored encrypted contents so as to generate single encrypted content
Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I)
Inventor: **CANDELORE B L** ; DEROVANESSIAN H; PEDLOW L M
Number of Countries: 106 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030145329	A1	20030731	US 200237498	A	20020102	200375 B
			US 200237499	A	20020102	
			US 200237914	A	20020102	
			US 200238032	A	20020102	
			US 200238217	A	20020102	
			US 2002351771	P	20020124	
			US 2002409675	P	20020909	
			US 2002273903	A	20021018	
			US 2002273905	A	20021018	
			US 2002274019	A	20021018	
			US 2002274084	A	20021018	
			US 2002319133	A	20021213	
CA 2413905	A1	20030702	CA 2413905	A	20021210	200375
WO 200436892	A2	20040429	WO 2003US27775	A	20030908	200436

AU 2003296903 A1 20040504 AU 2003296903 A 20030908 200467

Priority Applications (No Type Date): US 2002319133 A 20021213; US 200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102; US 200238032 A 20020102; US 200238217 A 20020102; US 2002351771 P 20020124; US 2002409675 P 20020909; US 2002273903 A 20021018; US 2002273905 A 20021018; US 2002274019 A 20021018; US 2002274084 A 20021018

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030145329	A1		11	H04N-007/167	CIP of application US 200237498 CIP of application US 200237499 CIP of application US 200237914 CIP of application US 200238032 CIP of application US 200238217 Provisional application US 2002351771 Provisional application US 2002409675 CIP of application US 2002273903 CIP of application US 2002273905 CIP of application US 2002274019 CIP of application US 2002274084
CA 2413905	A1	E		H04N-007/167	
WO 200436892	A2	E		H04N-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003296903 A1 H04N-007/167 Based on patent WO 200436892

Inventor: **CANDELORE B L** ...

Abstract (Basic):

... cable system **head end** (104...

International Patent Class (Main): **H04N-000/00** ...

... **H04N-007/167**

...International Patent Class (Additional): **H04N-007/173**

7/3,K/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015682276 **Image available**

WPI Acc No: 2003-744465/200370

Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140; 2003-778053; 2003-801037; 2003-801549; 2003-801728; 2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671

XRPX Acc No: N03-596232

Digital video signal dual encrypting method, involves encrypting packets of specified packet type, and replacing unencrypted packets with encrypted in digital video signal to produce partially dual encrypted video signal

Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I); DEROVANESSIAN H (DERO-I); PEDLOW L M (PEDL-I)

Inventor: **CANDELORE B L** ; DEROVANESSIAN H; PEDLOW L M
Number of Countries: 003 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030133570	A1	20030717	US 200237498	A	20020102	200370	B
			US 200237499	A	20020102		
			US 200237914	A	20020102		
			US 200238032	A	20020102		
			US 200238217	A	20020102		
			US 2002355326	P	20020208		
			US 2002372901	P	20020416		
			US 2002273903	A	20021018		
CA 2413881	A1	20030702	CA 2413881	A	20021211	200370	
AU 2003296903	A1	20040504	AU 2003296903	A	20030908	200467	

Priority Applications (No Type Date): US 2002273903 A 20021018; US 200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102; US 200238032 A 20020102; US 200238217 A 20020102; US 2002355326 P 20020208; US 2002372901 P 20020416; US 2002409675 P 20020909; US 2002273905 A 20021018; US 2002274019 A 20021018; US 2002274084 A 20021018
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030133570	A1		20	H04N-007/167	CIP of application US 200237498
					CIP of application US 200237499
					CIP of application US 200237914
					CIP of application US 200238032
					CIP of application US 200238217
					Provisional application US 2002355326
					Provisional application US 2002372901
CA 2413881	A1	E		H04L-009/28	
AU 2003296903	A1			H04N-007/167	Based on patent WO 200436892

Inventor: **CANDELORE B L** ...

Abstract (Basic):
... The drawing shows a block diagram of an exemplary cable system
head end .

...International Patent Class (Main): **H04N-007/167**
...International Patent Class (Additional): **H04N-007/173**

7/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015646957 **Image available**
WPI Acc No: 2003-709140/200367
Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728; 2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-566751
Selective encryption method for digital broadcast system involves sending data stream comprised of PSI (program specific information), duplicate packets and unencrypted packets to primary encryption encoder
Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I); DEROVANESSIAN H (DERO-I); PEDLOW L M (PEDL-I)
Inventor: **CANDELORE B L** ; **EYER M K** ; MIRSKY G; PEDLOW L M; UNGER R A;

DEROVANESSIAN H
Number of Countries: 102 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030123664	A1	20030703	US 200237498	A	20020102	200367	B
			US 200237499	A	20020102		
			US 200237914	A	20020102		
			US 200238032	A	20020102		
			US 200238217	A	20020102		
			US 2002355326	P	20020208		
			US 2002370274	P	20020405		
			US 2002273875	A	20021018		
CA 2413880	A1	20030702	CA 2413880	A	20021210	200367	
WO 200361173	A2	20030724	WO 2002US40051	A	20021213	200367	
AU 2002357846	A1	20030730	AU 2002357846	A	20021213	200421	

Priority Applications (No Type Date): US 2002273875 A 20021018; US 200237498 A 20020102; US 200237499 A 20020102; US 200237914 A 20020102; US 200238032 A 20020102; US 200238217 A 20020102; US 2002355326 P 20020208; US 2002370274 P 20020405; CA 2405865 A 20021001
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030123664	A1		13	H04N-007/167	CIP of application US 200237498
					CIP of application US 200237499
					CIP of application US 200237914
					CIP of application US 200238032
					CIP of application US 200238217
					Provisional application US 2002355326
					Provisional application US 2002370274
CA 2413880	A1	E		H04N-007/167	
WO 200361173	A2	E		H04L-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2002357846 A1 H04N-007/167 Based on patent WO 200361173
Inventor: **CANDELORE B L** ...

... **EYER M K**

Abstract (Basic):
... The figure is a block diagram of a cable system **head** **end** .

...International Patent Class (Main): **H04N-007/167**

7/3,K/6 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015574751 **Image available**
WPI Acc No: 2003-636908/200360
Related WPI Acc No: 2000-672590; 2003-311631; 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-709140; 2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728;

2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-506623

Decoding and decryption of partially encrypted information such as television programs uses set top box to decode combined clear audio and audio encrypted using two systems

Patent Assignee: SONY ELECTRONICS INC (SONY)
Inventor: **CANDELORE B L** ; PEDLOW L M; UNGER R A
Number of Countries: 102 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200365724	A1	20030807	WO 2002US40045	A	20021213	200360	B
AU 2002367531	A1	20030902	AU 2002367531	A	20021213	200426	
EP 1461950	A1	20040929	EP 2002806702	A	20021213	200463	
			WO 2002US40045	A	20021213		
KR 2004070299	A	20040806	KR 2004710483	A	20040702	200480	

Priority Applications (No Type Date): CA 2406329 A 20021001; US 200237498 A 20020102
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200365724	A1	E	46	H04N-007/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2002367531	A1		H04N-007/16	Based on patent WO 200365724
EP 1461950	A1	E	H04N-007/16	Based on patent WO 200365724

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

KR 2004070299	A		H04N-007/167

Inventor: **CANDELORE B L** ...

Abstract (Basic):
... A video signal (104) at the **head - end** (122) is provided in clear and the audio (106) is provided for broadcast over the...
International Patent Class (Main): **H04N-007/16** ...

... **H04N-007/167**
International Patent Class (Additional): **H04N-007/1677** ...

... **H04N-007/173** ...

... **H04N-007/1733** ...

... **H04N-007/20** ...

... **H04N-007/200**

7/3,K/7 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015494486 **Image available**
WPI Acc No: 2003-556633/200352
Related WPI Acc No: 2000-672590; 2003-331360; 2003-429690; 2003-492021; 2003-598999; 2003-618801; 2003-636908; 2003-709140; 2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728; 2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N03-442268

Digital television signal encryption method for use in e.g. digital cable system, involves encrypting audio packets that are identified by using packet identifier, according to different encryption methods

Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I)
Inventor: **CANDELORE B L** ; **EYER M K** ; MIRSKY G; PEDLOW L M; UNGER R A
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030081776	A1	20030501	US 2001296673	P	20010606	200352	B
			US 2001304131	P	20010710		
			US 2001304241	P	20010710		
			US 200237914	A	20020102		
CA 2405865	A1	20030426	CA 2405865	A	20021001	200352	

Priority Applications (No Type Date): US 200237914 A 20020102; US 2001296673 P 20010606; US 2001304131 P 20010710; US 2001304241 P 20010710 ; US 2001343710 P 20011026
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030081776	A1		38	H04N-007/167	Provisional application US 2001296673
					Provisional application US 2001304131
					Provisional application US 2001304241
CA 2405865	A1	E		H04N-007/16	

Inventor: **CANDELORE B L** ...

... **EYER M K**

Abstract (Basic):
... 4) cable system **headend** ; and...
International Patent Class (Main): **H04N-007/16** ...

... **H04N-007/167**
International Patent Class (Additional): **H04N-007/10** ...

... **H04N-007/20**

7/3,K/8 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013500649 **Image available**
WPI Acc No: 2000-672590/200065
Related WPI Acc No: 2003-331360; 2003-429690; 2003-492021; 2003-556633; 2003-598999; 2003-618801; 2003-636908; 2003-709140; 2003-744465; 2003-778053; 2003-801037; 2003-801549; 2003-801728; 2003-854288; 2003-875004; 2004-031547; 2004-281382; 2004-281385; 2004-303692; 2004-303895; 2004-303896; 2004-339901; 2004-697671
XRPX Acc No: N00-498667

Digital content descrambling method for use in digital television, involves decrypting encrypted control word using which scrambled digital content is descrambled

Patent Assignee: SONY ELECTRONICS INC (SONY); CANDELORE B L (CAND-I); SONY CORP (SONY)

Inventor: **CANDELORE B L**

Number of Countries: 091 Number of Patents: 012

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200059222	A1	20001005	WO 2000US5111	A	20000229	200065 B
AU 200035057	A	20001016	AU 200035057	A	20000229	200106
EP 1163798	A1	20011219	EP 2000913651	A	20000229	200206
			WO 2000US5111	A	20000229	
KR 2001110715	A	20011213	KR 2001712383	A	20010928	200237
CN 1353909	A	20020612	CN 2000808306	A	20000229	200262
JP 2002540736	W	20021126	JP 2000608608	A	20000229	200307
			WO 2000US5111	A	20000229	
US 20030174844	A1	20030918	US 99126805	P	19990330	200362
			US 2000497393	A	20000203	
			US 2003387163	A	20030311	
US 6697489	B1	20040224	US 99126805	P	19990330	200415
			US 2000497393	A	20000203	
EP 1163798	B1	20040609	EP 2000913651	A	20000229	200438
			WO 2000US5111	A	20000229	
DE 60011405	E	20040715	DE 11405	A	20000229	200446
			EP 2000913651	A	20000229	
			WO 2000US5111	A	20000229	
US 20040151314	A1	20040805	US 99126805	P	19990330	200452
			US 2000497393	A	20000203	
			US 2004763865	A	20040122	
US 20040158721	A1	20040812	US 99126805	P	19990330	200454
			US 2000497393	A	20000203	
			US 2003387163	A	20030311	
			US 2004764682	A	20040123	

Priority Applications (No Type Date): US 2000497393 A 20000203; US 99126805 P 19990330; US 2003387163 A 20030311; US 2004763865 A 20040122; US 2004764682 A 20040123

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200059222	A1	E	35	H04N-007/16	
	Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW				
	Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW				
AU 200035057	A			H04N-007/16	Based on patent WO 200059222
EP 1163798	A1	E		H04N-007/16	Based on patent WO 200059222
	Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
KR 2001110715	A			H04N-007/167	
CN 1353909	A			H04N-007/16	
JP 2002540736	W		37	H04N-007/173	Based on patent WO 200059222
US 20030174844	A1			H04L-009/00	Provisional application US 99126805
					CIP of application US 2000497393
US 6697489	B1			H04N-007/167	Provisional application US 99126805
EP 1163798	B1	E		H04N-007/16	Based on patent WO 200059222
	Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI				

LU MC NL PT SE
DE 60011405 E H04N-007/16 Based on patent EP 1163798
Based on patent WO 200059222
US 20040151314 A1 H04N-007/167 Provisional application US 99126805

Cont of application US 2000497393
Cont of patent US 6697489
US 20040158721 A1 H04K-001/00 Provisional application US 99126805

CIP of application US 2000497393
CIP of application US 2003387163
CIP of patent US 6697489

Inventor: **CANDELORE B L**

Abstract (Basic):
... The encrypted control word is obtained from smart card or **head end** server, by encrypting a control valve using stored key, and associated with the key stored...
...encrypted control word is received from a module which is selected from the group comprising **head end** server, uplink or broadcast station. An INDEPENDENT CLAIM is also included for descrambling digital content ...
...International Patent Class (Main): **H04N-007/16** ...

... **H04N-007/167** ...

... **H04N-007/173**

10/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015553769 **Image available**
WPI Acc No: 2003-615924/200358
XRPX Acc No: N03-490412

Automatic display content pausing method for interactive television system, involves assigning priority for event incoming during content display at client in order to process event or place event in queue

Patent Assignee: OPENTV INC (OPEN-N); OPENTV (OPEN-N)
Inventor: MEAD J; PIERRE L
Number of Countries: 101 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030070182	A1	20030410	US 2001972821	A	20011005	200358	B
WO 200332634	A2	20030417	WO 2002US31505	A	20021003	200358	
EP 1436986	A2	20040714	EP 2002800890	A	20021003	200446	
			WO 2002US31505	A	20021003		
AU 2002356536	A1	20030422	AU 2002356536	A	20021003	200461	

Priority Applications (No Type Date): US 2001972821 A 20011005
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030070182	A1		11	H04N-005/91	
WO 200332634	A2	E		H04N-005/76	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

EP 1436986	A2	E		H04N-005/76	Based on patent WO 200332634

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2002356536	A1			H04N-005/76	Based on patent WO 200332634

Abstract (Basic):
... top box automatically, on receiving an event such as news, movie, sports, at server of **head - end** operator, broadcaster, **web -content provider** , or network operator...
International Patent Class (Main): **H04N-005/76** ...

... **H04N-005/91**
...International Patent Class (Additional): **H04N-007/10** ...

... **H04N-007/16** ...

... **H04N-007/173** ...

... **H04N-007/25**

10/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

015369858 **Image available**
WPI Acc No: 2003-430796/200340
XRPX Acc No: N03-343882
Video-on-demand distribution method for providing video-on-demand from service provider **to customer** site , **in which video material is transmitted to customer site based upon user profile indicating customer preferences**
Patent Assignee: CSIR (COUL)
Inventor: FORD M; ROUX P J D B
Number of Countries: 102 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200341383	A2	20030515	WO 2002IB4629	A	20021105	200340	B
ZA 200300620	A	20030625	ZA 2003620	A	20030122	200348	
EP 1459542	A2	20040922	EP 2002802683	A	20021105	200462	
			WO 2002IB4629	A	20021105		
AU 2002363546	A1	20030519	AU 2002363546	A	20021105	200464	

Priority Applications (No Type Date): ZA 20019235 A 20011108
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200341383	A2	E	24	H04N-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

ZA 200300620	A		23	H04N-000/00	
EP 1459542	A2	E		H04N-007/173	Based on patent WO 200341383

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2002363546	A1			H04N-000/00	Based on patent WO 200341383

Video-on-demand distribution method for providing video-on-demand from service provider **to customer** site , **in which video material is transmitted to customer site based upon user profile indicating customer** ...

Abstract (Basic):
... The method of providing video-on-demand from a service **provider** to a customer **site** involves creating at least one customer profile associated with a customer site, in which the...

... **Head - end** system (12
International Patent Class (Main): **H04N-000/00** ...

... **H04N-007/173**

10/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014540508 **Image available**
WPI Acc No: 2002-361211/200239
Related WPI Acc No: 1997-457871; 2000-136772; 2001-397477; 2002-238062; 2002-266347; 2002-361210; 2002-361263; 2002-403734; 2002-434206;

2002-434467; 2002-478969; 2002-488603; 2003-480501; 2003-557701; 2003-597010; 2003-696077; 2003-746291; 2003-851497; 2004-246408

XRPX Acc No: N02-282262

Programming signal and on-line segment address providing method for educational application, involves presenting on-line segment that is automatically retrieved using provided address, together with program

Patent Assignee: HIDARY J D (HIDA-I); SPIVACK N T (SPIV-I); ULLMAN C (ULLM-I)

Inventor: HIDARY J D; SPIVACK N T; ULLMAN C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020035615	A1	20020321	US 96613144	A	19960308	200239	B
			US 96615143	A	19960314		
			US 98109945	A	19980706		
			US 99472385	A	19991223		
			US 2000633346	A	20000804		
			US 2001998587	A	20011116		

Priority Applications (No Type Date): US 98109945 A 19980706; US 96613144 A 19960308; US 96615143 A 19960314; US 99472385 A 19991223; US 2000633346 A 20000804; US 2001998587 A 20011116

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020035615	A1		21	G06F-015/16	CIP of application US 96613144 CIP of application US 96615143 Cont of application US 98109945 Cont of application US 99472385 Cont of application US 2000633346 CIP of patent US 5778181 Cont of patent US 6018768

Abstract (Basic):

... A transmitter located at site such as cable **head end** , operation center, transmits programming signal to a user **site** . Another transmitter located at a **web hosting site** , transmits address identifying on-line content relating to the program. The on-line content is...

International Patent Class (Additional): **H04N-005/50**

?

14/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

07099045 **Image available**
VOIP CABLE MODEM DEVICE AND VOIP NETWORK USING THE SAME

PUB. NO.: 2001-326701 [JP 2001326701 A]
PUBLISHED: November 22, 2001 (20011122)
INVENTOR(s): SOMEYA NOBUHIKO
APPLICANT(s): NEC CORP
APPL. NO.: 2000-144240 [JP 2000144240]
FILED: May 17, 2000 (20000517)

INTL CLASS: H04L-029/10; **H04N-007/173**

ABSTRACT

PROBLEM TO BE SOLVED: To **provide** a VoIP **cable** modem device capable of performing a speech communication with the same voice communication quality by...

... PHY controller 19 according to its QoS attribute and secures a needed band with a **head end** modem 61.

14/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

06950020 **Image available**
DATA COMMUNICATION SYSTEM USING CATV NETWORK

PUB. NO.: 2001-177572 [JP 2001177572 A]
PUBLISHED: June 29, 2001 (20010629)
INVENTOR(s): SUGAWARA NOBUAKI
APPLICANT(s): N II C CABLE MEDIA KK
APPL. NO.: 11-361082 [JP 99361082]
FILED: December 20, 1999 (19991220)

INTL CLASS: H04L-012/56; H04L-012/46; H04L-012/28; H04L-012/66; **H04N-007/16**

ABSTRACT

... server 1 allocating the IP address, the Internet network 2 containing the DHCP server 1, **head end** modem 3 connected to the Internet network 2, a CATV network 4 connected to the **head end** modem 3, a cable modem 5 connected to the CATV network 4 and a personal computer(PC) 6 connected to the cable modem 5. The **cable** modem 5 is **provided** with a modem circuit 51 connected to the CATV network 4, a filter 52 making...

14/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

06858974 **Image available**
CATV LINE DATA COMMUNICATION SYSTEM, CABLE MODEM AND INFORMATION REPORTING

METHOD USED FOR THE SAME

PUB. NO.: 2001-086476 [JP 2001086476 A]
PUBLISHED: March 30, 2001 (20010330)
INVENTOR(s): SOMEYA NOBUHIKO
APPLICANT(s): NEC CORP
APPL. NO.: 11-259679 [JP 99259679]
FILED: September 14, 1999 (19990914)

INTL CLASS: **H04N-007/16** ; **H04N-007/10** ; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To **provide** a **cable** modem capable of **providing** a function utilizing a connection to a CATV station all the time.

SOLUTION: A MAC...

... frame and discriminates whether this frame is a managing frame for exchanging information with a **head end** modem or user data to be dispatched to the side of a personal computer. A...

14/3,K/4 (Item 4 from file: 347)

06797255 **Image available**
CABLE MODEM SYSTEM WITH NOTICE INFORMATION RECEPTION FUNCTION

PUB. NO.: 2001-024737 [JP 2001024737 A]
PUBLISHED: January 26, 2001 (20010126)
INVENTOR(s): ISHII KENICHIRO
APPLICANT(s): N II C CABLE MEDIA KK
APPL. NO.: 11-188867 [JP 99188867]
FILED: July 02, 1999 (19990702)

INTL CLASS: H04L-029/12; H04L-027/00; **H04N-007/16**

ABSTRACT

PROBLEM TO BE SOLVED: To **provide** a **cable** modem terminal, having a notice information reception function and to **provide** a **cable** modem system with a notice information reception function which uses this terminal.

SOLUTION: In a...
... center notice information generator 1 installed in the CATV canter and generates notice information, a **head end** modem 4, which is installed in transmission end station equipment of the center and sends out notice information, a CATV network 5 which transmits notice information sent out from the **head end** modem 4 to a subscriber's home, and a cable modem terminal 6 which is...

14/3,K/5 (Item 5 from file: 347)

06650706 **Image available**
TWO-WAY COMMUNITY RECEPTION INSTALLATION

PUB. NO.: 2000-236524 [JP 2000236524 A]
PUBLISHED: August 29, 2000 (20000829)
INVENTOR(s): IIDA YOSHITAKA
APPLICANT(s): DX ANTENNA CO LTD
APPL. NO.: 11-034071 [JP 9934071]
FILED: February 12, 1999 (19990212)

INTL CLASS: **H04N-007/10** ; **H04N-007/173**

ABSTRACT

...2 is connected to a plural terminals 16, 17 via a transmission line 6. A **cable** MODEM 22 **provided** with an up signal modulator to transmit an up signal to the center device 2 via the transmission line 6 is connected to the terminals 16, 17. A **head end** device 4 of the center device 2 is provided with an up signal demodulator to...

14/3,K/6 (Item 6 from file: 347)
DIALOG(R)File 347:JAPIO

06598124 **Image available**
REALLOCATION METHOD FOR REALLOCATING CONNECTION IDENTIFIER IN NETWORK OPERATING IN CONNECTION MODE

PUB. NO.: 2000-183921 [JP 2000183921 A]
PUBLISHED: June 30, 2000 (20000630)
INVENTOR(s): ALIMI RAPHAEL
TEBOUL GUILLENE
DAMIEN SOUAD
APPLICANT(s): KONINKL PHILIPS ELECTRONICS NV
APPL. NO.: 11-174261 [JP 99174261]
FILED: June 21, 1999 (19990621)
PRIORITY: 9807917 [FR 987917], FR (France), June 23, 1998 (19980623)

INTL CLASS: H04L-012/28; H04J-003/00; H04L-012/18; H04L-029/08; **H04N-007/10**

ABSTRACT

... television network 1 is provided with user terminals 2a, 2b, 2c, etc., and a network **head end** 3. The network is the tree-shaped one with the highest nodes formed by the network **head end** . Tree-shaped leaves are formed by the user terminals. The user terminals are connected with the network **head end** by one or various intermediate nodes with repeater functions. Each user terminal is connected with the cable network 1 via a modem called as a **cable** modem and **provided** with two **cable** modems 4, 5. The user terminal 2a is connected to the cable network 1 by...

14/3,K/7 (Item 7 from file: 347)
DIALOG(R)File 347:JAPIO

06414080 **Image available**
FREQUENCY CONVERTER FOR TWO-WAY CATV SYSTEM AND IN-HOUSE TRANSMISSION SYSTEM FOR MULTIPLE DWELLING HOUSE

PUB. NO.: 11-355738 [JP 11355738 A]
PUBLISHED: December 24, 1999 (19991224)
INVENTOR(s): KATO TOSHIO
IKEDA YOSHITAKA
HIROSE KUNIHIKO
APPLICANT(s): KANDENKO CO LTD
APPL. NO.: 10-175323 [JP 98175323]
FILED: June 09, 1998 (19980609)

INTL CLASS: **H04N-007/10 ; H04N-005/00 ; H04N-005/44 ; H04N-007/173**

ABSTRACT

PROBLEM TO BE SOLVED: To **provide** a 2-way **cable** television CATV system for complex housing where noise superimposed on an incoming signal is hardly...
... A frequency twice that of a pilot signal (frequency 451.25 MHz) sent from a **head end** is used for a local oscillation signal frequency for an up-converter 20 that converts...

14/3,K/8 (Item 8 from file: 347)
DIALOG(R)File 347:JAPIO

05207562 **Image available**
CABLE TELEVISION SYSTEM

PUB. NO.: 08-163062 [JP 8163062 A]
PUBLISHED: June 21, 1996 (19960621)
INVENTOR(s): MIYASOI EIJI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-301824 [JP 94301824]
FILED: December 06, 1994 (19941206)

INTL CLASS: H04H-001/08; H04M-011/04; **H04N-007/16**

ABSTRACT

...CONSTITUTION: In the **cable** television system **provided** with a **head end** device 27 that modulates an audio output and a video output, mixes the modulated output...

14/3,K/9 (Item 9 from file: 347)
DIALOG(R)File 347:JAPIO

04948307 **Image available**
CABLE NETWORK SYSTEM, AND TWO-WAY COMMUNICATION METHOD, REPEATER AND TERMINAL EQUIPMENT FOR THE SAME

PUB. NO.: 07-240907 [JP 7240907 A]
PUBLISHED: September 12, 1995 (19950912)
INVENTOR(s): SHINTANI PIITAA
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-055168 [JP 9455168]

FILED: February 28, 1994 (19940228)

INTL CLASS: **H04N-007/14** ; H04H-001/02; H04H-001/08

ABSTRACT

PURPOSE: To **provide** the **cable** network system for transmitting information in two-way such as the video, audio and data...

...to transmit the packet to the downstream side, the packet is transmitted to the upstream **head end** 2 by a local sub **head end** 3 (or 4) along a path P2 and automatically transmitted through the different sub **head end** 4 (or 3) to any suitable end user (node). One-way information and two-way ...

14/3,K/10 (Item 10 from file: 347)

DIALOG(R)File 347:JAPIO

00638181 **Image available**
MONITORING METHOD FOR CATV AMPLIFIER

PUB. NO.: 55-125781 [JP 55125781 A]
PUBLISHED: September 27, 1980 (19800927)
INVENTOR(s): INOUE SADATOSHI
SEKIGUCHI MASAMI
HAYASHIDA MUTSUO
TOTSUKA KENJI
APPLICANT(s): SHOWA ELECTRIC WIRE & CABLE CO LTD [000225] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 54-034650 [JP 7934650]
FILED: March 23, 1979 (19790323)
JOURNAL: Section: E, Section No. 38, Vol. 04, No. 185, Pg. 35, December 19, 1980 (19801219)

INTL CLASS: **H04N-007/02**

ABSTRACT

... transmitted to the coaxial cables A, B, C via the monitor room 2 from the **head end** 1, and each **cable** is **provided** with the signal converters 3-6, amplifier groups 31-, 41-, 51-, 61-. Further, for example ...

14/3,K/11 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

014440038 **Image available**
WPI Acc No: 2002-260741/200231
XRPX Acc No: N02-202356
Bidirectional communication system for on-line shopping, has relay device that is provided with modem and wireless router transmits data received from head end **by cable to personal computer**
Patent Assignee: RUTO KK (RUTO-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 2001197468	A	20010719	JP 20004164	A	20000113	200231	B

Priority Applications (No Type Date): JP 20004164 A 20000113
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
JP 2001197468 A 10 H04N-007/16
... **has relay device that is provided with modem and wireless router transmits data received from** head end **by cable to personal computer**

Abstract (Basic):
... 12) in relay device (10) modulates the data transmitted from cable line (17) connected to **head end** (16). Wireless router (14) transmits the modulated data to wireless router (18) corresponding to PC...
... Since bidirectional communication is performed using **cable** TV by **providing** wireless routers, user's burden is greatly reduced...

... **head end** (16
International Patent Class (Main): **H04N-007/16**
International Patent Class (Additional): **H04N-005/00** ...

... **H04N-007/10**

14/3,K/12 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014318447 **Image available**
WPI Acc No: 2002-139149/200218
XRPX Acc No: N02-104894
Centralized cable access control system by satellite, remotely controls multiple remote cable headend **systems physically separated from it for controlling distribution of audio and video cable programming**
Patent Assignee: TVN ENTERTAINMENT CORP (TVNE-N)
Inventor: PASETTA G
Number of Countries: 093 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200137570 A1 20010525 WO 2000US31842 A 20001117 200218 B
AU 200117808 A 20010530 AU 200117808 A 20001117 200218

Priority Applications (No Type Date): US 2000713943 A 20001116; US 99166051 P 19991117
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 200137570 A1 E 26 H04N-007/20
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200117808 A H04N-007/20 Based on patent WO 200137570
Centralized cable access control system by satellite, remotely controls multiple remote cable headend **systems physically separated from it for controlling distribution of audio and video cable programming**

...Abstract (Basic): NOVELTY - The controller remotely controls multiple

remote cable **headend** systems physically separated from it for controlling the distribution of audio and video cable programming...

...is used in the forward control data stream to connect the controller to multiple remote **headend** sites. A low speed communication connection such as frame relay is used in a return path from the remote **headend** system to the controller in order to support the required return connectivity for a closed...

...acknowledgment and any other reverse control data in the return path from the remote cable **headend** systems. The satellite link in the forward control data stream can be the same satellite...
...audio data streams, constituting part of the video and audio programming to the remote cable **headend** systems. An INDEPENDENT CLAIM is included for a method of providing remote centralized control of remote cable **headend** system to remotely control cable broadcasting over cable media ...

...ADVANTAGE - **Provides** improved **cable** **headend** control system which readily expandable...
International Patent Class (Main): **H04N-007/20**
International Patent Class (Additional): **H04N-007/173**

14/3,K/13 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013857852 **Image available**
WPI Acc No: 2001-342065/200136
Related WPI Acc No: 1994-200604; 1994-218208; 1994-218209; 1994-218210; 1994-218211; 1994-218212; 1994-218213; 1995-215451; 1995-215457; 1995-215458; 1995-301543; 1996-442594; 1997-535199; 1998-230155; 2000-023002; 2000-409817; 2001-600980; 2002-268734; 2003-015963; 2003-119627; 2003-438078; 2003-810936; 2005-062991
XRPX Acc No: N01-247617
Subscriber request receiver for cable television system, has transmitter connected to locator to send located data to individual subscriber to process received located data
Patent Assignee: DISCOVERY COMMUNICATIONS INC (DISC-N)
Inventor: HENDRICKS J S; WUNDERLICH R E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6201536	B1	20010313	US 92991074	A	19921209	200136	B
			US 93160280	A	19931202		
			US 93160281	A	19931202		
			US 94352205	A	19941202		

Priority Applications (No Type Date): US 94352205 A 19941202; US 92991074 A 19921209; US 93160280 A 19931202; US 93160281 A 19931202
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6201536	B1		48	H04N-007/173	CIP of application US 92991074
					CIP of application US 93160280
					CIP of application US 93160281
					CIP of patent US 5600364
					CIP of patent US 5798785

Abstract (Basic):
... Operates in digital and analog environment. Introduces many new features to TV program delivery and **cable headend** control. **Provides** versatile network manager. Manages multiple video and audio program signals. Manages routing of digital and analog video and audio program signals from cable **headend** to viewer home. Modifies program control information from external source. Capable of targeting specific video...
International Patent Class (Main): **H04N-007/173**

14/3,K/14 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013673590 **Image available**
WPI Acc No: 2001-157802/200116
XRPX Acc No: N01-114819
Cable tap for cable television system, has equalizer circuit for attenuating lower frequencies of forward and reverse cable signals
Patent Assignee: SCIENTIFIC-ATLANTA INC (SCAT)
Inventor: COLLMUS R S; LOVELESS R C; SPRIESTER B F
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 1879	H	20001003	US 9835957	A	19980306	200116	B

Priority Applications (No Type Date): US 9835957 A 19980306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 1879	H		7	H04N-007/10	

Abstract (Basic):
... coupled to the equalizer output, transmits the processed forward cable signal from equalizer circuit and **provides** reverse **cable** signal from cable equipment to equalizer circuit.
... A directional coupler (206) connected to tap input, has main output (208) for **providing** forward **cable** signal to cable equipment. An INDEPENDENT CLAIM is also included for cable television system...

...equalizer circuit attenuate lower frequencies of cable signal more than higher frequencies, reverse signal, the **head end** section is not hit with high level reverse signals causing processing errors...
International Patent Class (Main): **H04N-007/10**

14/3,K/15 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013202505 **Image available**
WPI Acc No: 2000-374378/200032
Related WPI Acc No: 1998-159850; 2000-617947
XRPX Acc No: N00-280980
Upstream ingress noise blocker in bidirectional TV cable system, has remotely operable attenuator incorporating depletion mode field effect transistor which is powered ON by energy from rectified signal
Patent Assignee: COM21 INC (COMT-N)

Inventor: BARAN P; BUNYA G K; HEINZMANN F J; HOLLIMON M H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6049693	A	20000411	US 96699888	A	19960815	200032	B
			US 97892090	A	19970714		

Priority Applications (No Type Date): US 97892090 A 19970714; US 96699888 A 19960815
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6049693	A		23	H04N-007/10	CIP of application US 96699888

Abstract (Basic):
... signals in absence of the control signal. The HPF (43) passes down-stream signals from **head end** (12) of cable system above a preset frequency...

...usage of simple remote control signal circuit arrangement, to allow simple retrofit of existing TV **cable** modems to **provide** necessary blocker activating signal...

... **Head end** (12
International Patent Class (Main): **H04N-007/10**
International Patent Class (Additional): **H04N-007/14**

14/3,K/16 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013166848 **Image available**
WPI Acc No: 2000-338721/200029
XRPX Acc No: N00-254257
Programming and advertisement providing system e.g. for viewers over digital broadcast system
Patent Assignee: NEXT CENTURY MEDIA INC (NEXT-N)
Inventor: BERGSTEN B; DESPAIN G; HARVEY B; LEFEBVRE A
Number of Countries: 083 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200014951	A1	20000316	WO 99US20597	A	19990908	200029	B
AU 9958169	A	20000327	AU 9958169	A	19990908	200032	

Priority Applications (No Type Date): US 98149739 A 19980908
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200014951	A1	E	77	H04N-003/185	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9958169	A	H04N-003/185	Based on patent WO 200014951	

Abstract (Basic):
... generated which contains a different advertisement for an advertisement slot on a program channel. A **head end** system combines the programs, the advertisement identifiers and the advertisement

channels into a digital data...

...advertisement to an individual viewer at a particular time over a digital broadcast medium, a **cable head end** for **providing** programming and individualized advertisement to several viewers over a digital broadcast system, a set top...
International Patent Class (Main): **H04N-003/185**

14/3,K/17 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012744524 **Image available**
WPI Acc No: 1999-550641/199946
Related WPI Acc No: 1999-550638; 1999-571553; 1999-571554
XRPX Acc No: N99-407446
Interactive television information system with information service distribution network supplying several information services from headend **to any subscriber's television for printing information**
Patent Assignee: ICTV INC (ICTV-N)
Inventor: HOARTY W L; LAUDER G M
Number of Countries: 021 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9930501	A1	19990617	WO 98US25948	A	19981207	199946	B
EP 1038401	A1	20000927	EP 98962937	A	19981207	200048	
			WO 98US25948	A	19981207		
JP 2001526506	W	20011218	WO 98US25948	A	19981207	200203	
			JP 2000524931	A	19981207		

Priority Applications (No Type Date): US 9767990 P 19971209
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9930501	A1	E	55	H04N-007/173	
Designated States (National): CA JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
EP 1038401	A1	E		H04N-007/173	Based on patent WO 9930501
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
JP 2001526506	W		61	H04N-007/173	Based on patent WO 9930501

Interactive television information system with information service distribution network supplying several information services from headend **to any subscriber's television for printing information**

Abstract (Basic):
... In the system TV information signals are sent via the information service distribution network from **headend** to subscriber TVs (403). Subscriber may cause control data to the **headend** with a print command. Information to be printed is sent from the **headend** via a data communication link to a printer on the network. The control data selects a printer so the **headend** can send the data to the selected printer.
... For **providing** printing facilities with **cable** television systems...
...shows a block diagram of a home interface controller for use in connection with the **headend** .

International Patent Class (Main): **H04N-007/173**

14/3,K/18 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012217863 **Image available**
WPI Acc No: 1999-023969/199902
XRPX Acc No: N99-018467
Communication coverage area offering apparatus using CATV network - includes series of radio antenna devices, each of which uses absolute value of RAD reference signal to set power level of output forward link communication signals
Patent Assignee: QUALCOMM INC (QUAL-N)
Inventor: DEAN R F; WEAVER L A; WHEATLEY C E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5839052	A	19981117	US 96600103	A	19960208	199902	B

Priority Applications (No Type Date): US 96600103 A 19960208
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5839052	A		27	H04N-007/173	

...Abstract (Basic): input forward link communication signals and a RAD reference signal from the cable through a **cable** input and **provides** output forward link communication signals through a wireless output. Each RAD series also receives input...

...A **head end** processor connected to the cable having a base station with a set of demodulation elements...

...series. An absolute value of the RAD reference signal, depends on a loss between the **head end** processor and each one of the RAD series and each series uses the absolute value...
International Patent Class (Main): **H04N-007/173**

14/3,K/19 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011690690 **Image available**
WPI Acc No: 1998-107600/199810
XRPX Acc No: N98-086581
Optical signal distribution system for CATV system - has equaliser in O/E converter which compensates cable loss characteristics before allocating CATV signal to multiple subscribers
Patent Assignee: NEC CABLE MEDIA KK (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9331276	A	19971222	JP 96150847	A	19960612	199810	B

Priority Applications (No Type Date): JP 96150847 A 19960612

Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
JP 9331276   A   6 H04B-003/04

...Abstract (Basic): The system has a **headend** unit (1) with an E/O converter (11) which converts the input electrical CATV signal...

...A distribution amplifier (3) **provided** in the coaxial **cable** amplifies the CATV signal which is allocated to each subscriber, through multiple tap lines (5...
...International Patent Class (Additional): **H04N-007/10**

14/3,K/20 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011558718 **Image available**
WPI Acc No: 1997-535199/199749
Related WPI Acc No: 1994-200604; 1994-218208; 1994-218209; 1994-218210; 1994-218211; 1994-218212; 1994-218213; 1995-215451; 1995-215457; 1995-215458; 1995-301543; 1996-442594; 1998-230155; 2000-023002; 2000-409817; 2001-342065; 2001-600980; 2002-268734; 2003-015963; 2003-119627; 2003-438078; 2003-810936; 2005-062991
XRPX Acc No: N97-445616
Digital cable headend **combiner for cable television delivery system - selects and combines digitised programmes to create oombined signal for distribution to subscribers, so that combiner receives digital video signals with several programmes and information on programmes to be selected**
Patent Assignee: DISCOVERY COMMUNICATIONS INC (DISC-N)
Inventor: BONNER A E; HENDRICKS J S; LAPPINGTON J P; WUNDERLICH R E
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 5682195 A 19971028 US 92991074 A 19921209 199749 B
US 93160283 A 19931202
Priority Applications (No Type Date): US 93160283 A 19931202; US 92991074 A 19921209
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 5682195 A 33 H04N-007/16 CIP of application US 92991074
Digital cable headend **combiner for cable television delivery system...**

...Abstract (Basic): USE/ADVANTAGE - **Provides** digital **cable headend** with versatile combination function, which provides needed components. Capable of operation in digital and analogue...
International Patent Class (Main): **H04N-007/16**

14/3,K/21 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011526965 **Image available**
WPI Acc No: 1997-503451/199746
XRPX Acc No: N97-419615
Architecture for cable **data network** providing **multiple services - has**

master head - end **providing interface to multiple applications and communication systems, and linking via distributors to users**
Patent Assignee: SCIENTIFIC-ATLANTA INC (SCAT)
Inventor: KOPERDA F R
Number of Countries: 075 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9737493	A1	19971009	WO 97US4738	A	19970324	199746	B
AU 9722195	A	19971022	AU 9722195	A	19970324	199808	
US 5790806	A	19980804	US 96627062	A	19960403	199838	

Priority Applications (No Type Date): US 96627062 A 19960403
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9737493	A1	E	61	H04N-007/10	
AU 9722195	A			H04N-007/10	Based on patent WO 9737493
US 5790806	A			G06F-013/14	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

Architecture for cable **data network** providing **multiple services...**

...**has master** head - end **providing interface to multiple applications and communication systems, and linking via distributors to users**

...Abstract (Basic): The **cable** network **provides** high speed communication facilities to and from several user, such as in homes. The system has a master **head - end** unit that is linked by high speed lines to remote or local distribution units. These...

...The master **head - end** has an ATM switch (101) directing messages to and from the individual users. This has...

...ADVANTAGE - Provides general purpose master **head - end** to provide and manage scalable array of services to users...
...International Patent Class (Main): **H04N-007/10**
...International Patent Class (Additional): **H04N-007/14** ...

... **H04N-007/173**

14/3,K/22 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011471111 **Image available**
WPI Acc No: 1997-449018/199741
XRPX Acc No: N97-374177
Cable access device for communication network e.g. for connecting coaxial cable between devices - provides for power conditioning of AC signal to generate DC operate over separate output to operate respective subscriber network service equipment
Patent Assignee: ERICSSON RAYNET (TELF)
Inventor: BUSHUE M; SHTEYNBERG A; VRIGNAUD G
Number of Countries: 075 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9732438	A2	19970904	WO 97US2684	A	19970221	199741	B
AU 9719657	A	19970916	AU 9719657	A	19970221	199803	
WO 9732438	A3	19971030	WO 97US2684	A	19970221	199815	
US 5845190	A	19981201	US 96608166	A	19960228	199904	

Priority Applications (No Type Date): US 96608166 A 19960228
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9732438	A2	E	30	H04Q-000/00	
AU 9719657	A			H04Q-001/00	Based on patent WO 9732438
WO 9732438	A3			H04Q-000/00	
US 5845190	A			H04N-007/10	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

...Abstract (Basic): an output port having a device for connecting to a second part of the coaxial **cable** . A device **provides** isolation of an AC power signal from an RF signal. A transformer derives a DC...

...USE/ADVANTAGE - E.g. for connecting subscribers to **central office** switch via two-way network e.g. for supplying relatively high frequency RF signal and...

International Patent Class (Main): **H04N-007/10** ...

14/3,K/23 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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011363202 **Image available**
WPI Acc No: 1997-341109/199731
XRPX Acc No: N97-283071

Self-maintenance cable system - has cable head end **capable of interrogating distribution site receivers and subscriber station receivers which respond by transmitting designated information concerning differences between received and transmitted robust data**

Patent Assignee: ZENITH ELECTRONICS CORP (ZENI)
Inventor: KRISHNAMURTHY G; SGRIGNOLI G J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5642154	A	19970624	US 94301931	A	19940907	199731	B

Priority Applications (No Type Date): US 94301931 A 19940907
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5642154	A		7		

... **has cable** head end **capable of interrogating distribution site receivers and subscriber station receivers which respond by transmitting designated...**

...Abstract (Basic): and a variable data component which has a second lower

S/N characteristic. A cable **head end** transmits the digital video signals to the receivers and interrogates the receivers. The information is transmitted to the cable **head end** upon interrogation ...

...One of the digital cable signals transmitted by the cable **head end** to the receivers includes the fixed known data component with the first S/N characteristic. The receivers are capable of developing and transmitting correction data to the cable **head end** based upon the comparison between the received fixed known data component and the transmitted fixed...

...ADVANTAGE - **Provides** automatic **cable** system maintenance information. Uses robust data component in transmitted video signal...
International Patent Class (Main): **H04N-017/00**

14/3,K/24 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010657544 **Image available**
WPI Acc No: 1996-154497/199616
XRPX Acc No: N96-129848
Optical fibre cable television system for transmission from headend **to subscriber - demodulates each electrical signal converted from optical signal to TV signal which is received and displayed on TV monitor and provides several auxiliary between distributor and subscriber terminal**
Patent Assignee: GC TECHNOLOGY KK (GCTE-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 8037516	A	19960206	JP 94171005	A	19940722	199616	B

Priority Applications (No Type Date): JP 94171005 A 19940722
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8037516	A		6	H04J-014/08	

Optical fibre cable television system for transmission from headend **to subscriber...**

...Abstract (Basic): The system transmits TV signals from a **head end** (10) to terminal equipment (14) of each subscriber (12) through a respective transmission line. A...

...it to a TV receiver (38). A second set of optical fibre cables (34) is **provided** in a multicore **cable** (30) performs communication between each subscriber terminal...
...International Patent Class (Additional): **H04N-007/16** ...

... **H04N-007/22**

14/3,K/25 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010318606 **Image available**
WPI Acc No: 1995-219869/199529
XRPX Acc No: N95-172640
Visitor room monitor system for CATV network - uses visitor room terrminal equipment with output unit to output specified audio and video signals produced from audio\video signal extraction unit
Patent Assignee: MF JOHO SYSTEM KK (MFJO-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7131782	A	19950519	JP 93273639	A	19931101	199529	B

Priority Applications (No Type Date): JP 93273639 A 19931101
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7131782	A		12	H04N-007/18	

...Abstract (Basic): A **head end** (5) is provided to superimpose different frequency signal over the video signal and sends it out to a coaxial cable (10). Several branches are taken from the coaxial **cable**. A tuner is **provided** to extract audio video signal of each visitor room from a terminal equipment (11). An...
International Patent Class (Main): **H04N-007/18**
International Patent Class (Additional): **H04N-007/10**

14/3,K/26 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009957769 **Image available**
WPI Acc No: 1994-225482/199427
XRPX Acc No: N94-177763
CATV remote control system - has TV signal converter including frequency channel converter receiving TV signals in different frequency bands and outputting any selected signals on predefined frequency band
Patent Assignee: LEUNG M S (LEUN-I); YAZOLINO L F (YAZO-I); PACIFIC PAY VIDEO LTD (PACI-N)
Inventor: LEUNG M S; YAZOLINO L F
Number of Countries: 054 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5329370	A	19940712	US 9390507	A	19930713	199427	B
WO 9502941	A1	19950126	WO 94US7313	A	19940628	199509	
AU 9471164	A	19950213	AU 9471164	A	19940628	199519	

Priority Applications (No Type Date): US 9390507 A 19930713
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5329370	A		23	H04N-005/60	
WO 9502941	A1	E	47	H04N-005/60	

Designated States (National): AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

AU 9471164	A		H04N-005/60	Based on patent WO 9502941

...Abstract (Basic): The **cable** TV system **provides** TV signals in several TV signal formats. Each TV has a multi-standard receiver for...

...TV channel and/or by transmitting pay-per-view requests to the controller at the **head end** of the system...
International Patent Class (Main): **H04N-005/60**

14/3,K/27 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009802842 **Image available**
WPI Acc No: 1994-082696/199410
Related WPI Acc No: 1990-180329
XRPX Acc No: N94-064694
Method of providing digital audio signal in cable television band - digitising channel of source material to produce compressed digital data stream and modulating carrier with data stream using multi-level modulation to produce narrowband RF channel signal
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: ROBBINS C
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5293633	A	19940308	US 88280770	A	19881206	199410	B
			US 91702018	A	19910517		

Priority Applications (No Type Date): US 91702018 A 19910517; US 88280770 A 19881206
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5293633	A		16	H04H-001/02	CIP of application US 88280770 CIP of patent US 5038402

...Abstract (Basic): channels in the Fm broadcast band. Source material for the digitized audio channels may be **provided** to a **cable headend** over the cable transmission network in the 5-30 MHz CATV upstream path, and rebroadcast...
...International Patent Class (Additional): **H04N-001/00**

14/3,K/28 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

009745875 **Image available**
WPI Acc No: 1994-025726/199403
XRPX Acc No: N94-020070
Video telephony system - comprises database for storing data record for each of cable subscriber video telephone locations containing local exchange carrier telephone number and routing information
Patent Assignee: AMERICAN TELEPHONE & TELEGRAPH CO (AMTT); AT & T BELL LAB (AMTT); AT & T CORP (AMTT)
Inventor: PAPANICOLAOU A C; YU C D
Number of Countries: 010 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week

US 5278889	A	19940111	US 92921862	A	19920729	199403	B
EP 584939	A2	19940302	EP 93305785	A	19930722	199409	
CA 2092839	A	19940130	CA 2092839	A	19930329	199416	
JP 6217014	A	19940805	JP 93205594	A	19930729	199436	
TW 269088	A	19960121	TW 93100360	A	19930120	199615	
CA 2092839	C	19970610	CA 2092839	A	19930329	199735	
EP 584939	A3	19970611	EP 93305785	A	19930722	199735	
US 36707	E	20000523	US 92921862	A	19920729	200032	
			US 96585338	A	19960111		

Priority Applications (No Type Date): US 92921862 A 19920729; US 96585338 A 19960111
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5278889	A		20	H04M-011/00	
EP 584939	A2	E	22	H04Q-011/04	
Designated States (Regional): BE DE FR GB NL SE					
CA 2092839	A			H04M-011/06	
JP 6217014	A		23	H04M-003/42	
TW 269088	A			H04M-001/23	
CA 2092839	C			H04M-011/06	
EP 584939	A3			H04M-011/00	
US 36707	E			H04M-011/00	Reissue of patent US 5278889

...Abstract (Basic): video telephony system, a coaxial cable network, which is preferably a part of an existing **cable** television system, **provides** a local link for the transmission of the video telephone signals between each originating and destination location and a respective '' **head end** '' located on the cable company premises. Each of the head ends is connected to a...
...International Patent Class (Additional): **H04N-007/14** ...

... **H04N-009/77**

14/3,K/29 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009651752 **Image available**
WPI Acc No: 1993-345302/199343
Related WPI Acc No: 1992-299613
XRPX Acc No: N93-266628
Modular subscriber control appts. for controlling access to cable television signals - controls access in response to control data transmitted with cable **television signals** provided **by** head - end
Patent Assignee: NORTH AMERICAN PHILIPS CORP (PHIG)
Inventor: CHAMBERLIN R; CHAPMAN M; COX J L; GURUSAMI A; JACEK V J; STRONG T P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5255318	A	19931019	US 91673872	A	19910322	199343	B
			US 92839139	A	19920220		

Priority Applications (No Type Date): US 92839139 A 19920220; US 91673872 A 19910322
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

US 5255318 A 17 H04N-007/167 CIP of application US 91673872
CIP of patent US 5140633
... **controls access in response to control data transmitted with** cable **television signals** provided **by** head - end
International Patent Class (Main): **H04N-007/167**

14/3,K/30 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009089908 **Image available**
WPI Acc No: 1992-217330/199226
Related WPI Acc No: 1989-292720; 1990-209981; 1991-193467; 1991-193468; 1991-193469; 1991-238519; 1991-267399; 1991-280947; 1991-310770; 1991-310771; 1991-312952; 1992-217349; 1992-349503; 1992-349516; 1993-264945; 1994-007879; 1994-007881; 1994-117916; 1994-182834
XRPX Acc No: N92-164977
Off premises CATV interdiction having impulse pay per view features - subscriber terminal to input subscriber signals then transmit to systems appts. over communications link
Patent Assignee: SCIENTIFIC ATLANTA INC (SCAT); BLONDER TONGUE LAB (BLON-N); BLONDER TONGUE LAB INC (BLON-N); SCIENTIFIC-ATLANTA INC (SCAT)
Inventor: FARMER J O; HARNEY M P; PARIKH H R; SCHUTTE M J; WEST L E; SCHUTTE M; SCHUTTE M E; HARNEY M
Number of Countries: 019 Number of Patents: 011
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9210038	A1	19920611	WO 91US8922	A	19911126	199226	B
AU 9191432	A	19920625	AU 9191432	A	19911126	199239	
			WO 91US8922	A	19911126		
EP 559802	A1	19930915	WO 91US8922	A	19911126	199337	
			EP 92902199	A	19911126		
US 5245420	A	19930914	US 90625901	A	19901127	199338	
CA 2097084	C	19950110	CA 2097084	A	19911126	199511	
EP 559802	A4	19931103	EP 92902199	A	19920000	199528	
US 5505901	A	19960409	US 88166302	A	19880310	199620	
			US 88279619	A	19881205		
			US 89446695	A	19891206		
			US 90498083	A	19900310		
			US 90498084	A	19900310		
			US 90503423	A	19900402		
			US 90612933	A	19901113		
			US 90618745	A	19901127		
			US 94218037	A	19940325		
EP 917366	A2	19990519	EP 92902199	A	19911126	199924	
			EP 98122662	A	19911126		
EP 559802	B1	19990630	WO 91US8922	A	19911126	199930	
			EP 92902199	A	19911126		
			EP 98122662	A	19911126		
DE 69131400	E	19990805	DE 631400	A	19911126	199937	
			WO 91US8922	A	19911126		
			EP 92902199	A	19911126		
ES 2135399	T3	19991101	EP 92902199	A	19911126	199953	

Priority Applications (No Type Date): US 90625901 A 19901127; US 90618745 A 19901127; US 88166302 A 19880310; US 88279619 A 19881205; US 89446695 A 19891206; US 90498083 A 19900310; US 90498084 A 19900310; US 90503423 A

19900402; US 90612933 A 19901113; US 94218037 A 19940325

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9210038	A1	E	49	H04H-001/02	
Designated States (National): AU CA JP KR					
Designated States (Regional): BE CH DE DK ES FR GB GR IT LI LU NL SE					
AU 9191432	A			H04H-001/02	Based on patent WO 9210038
EP 559802	A1	E	49	H04H-001/02	Based on patent WO 9210038
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
US 5245420	A		18	H04H-001/02	
US 5505901	A		17	H04N-007/10	CIP of application US 88166302 CIP of application US 88279619 CIP of application US 89446695 Cont of application US 90498083 Cont of application US 90498084 CIP of application US 90503423 CIP of application US 90612933 Cont of application US 90618745 CIP of patent US 4912760 CIP of patent US 5014309 CIP of patent US 5045816 CIP of patent US 5109286 Cont of patent US 5155590 Cont of patent US 5235619 CIP of patent US 5319454
EP 917366	A2	E		H04N-007/16	Div ex application EP 92902199 Div ex patent EP 559802
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
EP 559802	B1	E		H04H-001/02	Related to application EP 98122662 Related to patent EP 917366 Based on patent WO 9210038
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL SE					
DE 69131400	E			H04H-001/02	Based on patent EP 559802 Based on patent WO 9210038
ES 2135399	T3			H04H-001/02	Based on patent EP 559802
CA 2097084	C			H04N-007/173	
EP 559802	A4			H04H-001/02	

...Abstract (Basic): The system includes a **headend** which transmits programming including pay-per-view programming, and a **cable** distribution system. Service **providing** equipment (20) is coupled to the cable distribution system for supplying the programming to subscriber...

...service apparatus between first and second diplexers. The diplexers separate the transmission path between the **headend** (10) and the subscriber terminal into downstream or forward, and upstream or reverse transmission paths...

...reverse path equipment for providing a reverse, upstream transmission path from a subscriber to a **headend** of a CATV system for reporting, for example, pay per view transactions...

...Abstract (Equivalent): a transmit control signal from the common control circuitry, for transmitting transmission data to a **headend** in a second predetermined manner different from said first predetermined manner...

...The CATV system has a **headend** which transmits programming including pay-per-view programming and a cable distribution system distributes

the...
...International Patent Class (Main): **H04N-007/10** ...

... **H04N-007/16** ...

... **H04N-007/173**

14/3,K/31 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008293328 **Image available**
WPI Acc No: 1990-180329/199024
Related WPI Acc No: 1994-082696
XRPX Acc No: N90-140163
Audio FM signal broadcasting method - using digitised audio signals to allow additional channels to be provided
Patent Assignee: GEN INSTR CORP (GENN); GENERAL SIGNAL CORP (GESJ); GI CORP (GENN); GEN INSTR CORP DELAWARE (GENN)
Inventor: ROBBINS C
Number of Countries: 018 Number of Patents: 012
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 372499	A	19900613	EP 89122425	A	19891205	199024	B
NO 8904855	A	19900702				199032	
CA 2003763	A	19900606				199034	
DK 8906123	A	19900607				199036	
JP 2260726	A	19901023	JP 89317394	A	19891207	199048	
US 5038402	A	19910806	US 88280770	A	19881206	199134	
CA 2003763	C	19931005	CA 2003763	A	19891123	199346	
EP 372499	B1	19951102	EP 89122425	A	19891205	199548	
DE 68924695	E	19951207	DE 624695	A	19891205	199603	
			EP 89122425	A	19891205		
ES 2080061	T3	19960201	EP 89122425	A	19891205	199612	
IE 71686	B	19970226	IE 893737	A	19891123	199717	
EP 372499	B2	20010523	EP 89122425	A	19891205	200130	

Priority Applications (No Type Date): US 88280770 A 19881206
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 372499	A				
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI NL SE					
CA 2003763	C			H04B-001/04	
EP 372499	B1	E	21	H04H-001/00	
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI NL SE					
DE 68924695	E			H04H-001/00	Based on patent EP 372499
ES 2080061	T3			H04H-001/00	Based on patent EP 372499
IE 71686	B			H04H-001/00	
EP 372499	B2	E		H04H-001/00	
Designated States (Regional): AT BE CH DE ES FR GB GR IT LI NL SE					

...Abstract (Basic): may be interspersed with the digitised channels. Source material for the digitised channels may be **provided** to a **cable headend** over the cable network outside the FM band and rebroadcast over the network in the...
...International Patent Class (Additional): **H04N-001/00** ...

... **H04N-007/00**

14/3,K/32 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007534167 **Image available**
WPI Acc No: 1988-168099/198824
XRPX Acc No: N88-128459
Cable converter for stereo-audio television - has transistor functioning as switch operated from cable head - end **to** provide **mute voltage level**
Patent Assignee: ZENITH ELECTRONICS CORP (ZENI)
Inventor: LONG M E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4748501	A	19880531	US 84680616	A	19841211	198824	B

Priority Applications (No Type Date): US 84680616 A 19841211
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4748501	A		7		

... **has transistor functioning as switch operated from** cable head - end **to** provide **mute voltage level**
...Abstract (Basic): One of the two transistors functions as a switch that may be operated from the **cable head - end** to **provide** a mute voltage level at the output jack for disabling the audio for nonauthorised channels...

...Optionally, a **head - end** control signal may operate another transistor for preventing coupling of the 4.5 MHz aural...
International Patent Class (Additional): **H04N-005/60** ...

... **H04N-007/10**

```
? show files; ds; save temp; logoff hold
File 344:Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office

Set     Items   Description
S1         48   HEADEND? OR HEAD()END? OR CENTRALOFFICE?  OR CENTRAL()OFFI-
               CE?
S2         45   CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR C-
               OMCAST
S3         24    ( HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER-
               ?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? -
               OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4        180   AU=(ZUSTAK, F?   OR  ZUSTAK F? OR CHANG, M?      OR CHANG,
               M?  OR KRISHNAN, A?   OR  KRISHNAN A?  OR PROEHL, A?     OR P-
               ROEHL A? OR YANG, D?    OR   YANG D? OR SHINTANI, P?   OR   S-
               HINTANI P? OR EYER, M?     OR   EYER M? OR COLSEY, N?  OR   C-
               OLSEY N? OR C
S5       4558   IC=H04N?
S6          1   S4 AND S5
S7          0   S6 AND S1
S8          0   S1 AND S3
S9          0   S8 AND S5
S10         0   S9 NOT S7
S11         0   S1 AND S2
S12         0   S11 AND S5
S13         0   S12 NOT PY>2001
S14         0   S13 NOT AD=20010131:20050314
```

6/3,K/1
DIALOG(R)File 344:Chinese Patents Abs

4347186
PERSONNEL DIGITAL ASSISTANT IMAGE COMMUNICATION SYSTEM AND CONTROL METHOD THEREOF
Patent Assignee: HANUT INFORMATION TECHNOLOGY C (KR)
Author (Inventor): **YANG DAO-SEUNG** (KR
Patent Family:

CC	Number	Kind	Date	
CN	1377187	A	20021030	(Basic)
AE	2002078326	W1	20021003	
AG	2002078326	W1	20021003	
AL	2002078326	W1	20021003	
AM	2002078326	W1	20021003	
AP	2002078326	W1	20021003	
AT	2002078326	W1	20021003	
AU	2002078326	W1	20021003	
AZ	2002078326	W1	20021003	
BA	2002078326	W1	20021003	
BB	2002078326	W1	20021003	
BG	2002078326	W1	20021003	
BR	2002078326	W1	20021003	
BY	2002078326	W1	20021003	
BZ	2002078326	W1	20021003	
CA	2002078326	W1	20021003	
CH	2002078326	W1	20021003	
CN	2002078326	W1	20021003	
CO	2002078326	W1	20021003	
CR	2002078326	W1	20021003	
CU	2002078326	W1	20021003	
CZ	2002078326	W1	20021003	
DE	2002078326	W1	20021003	
DK	2002078326	W1	20021003	
DM	2002078326	W1	20021003	
DZ	2002078326	W1	20021003	
EA	2002078326	W1	20021003	
EC	2002078326	W1	20021003	
EE	2002078326	W1	20021003	
EP	2002078326	W1	20021003	
ES	2002078326	W1	20021003	
FI	2002078326	W1	20021003	
GB	2002078326	W1	20021003	
GD	2002078326	W1	20021003	
GE	2002078326	W1	20021003	
GH	2002078326	W1	20021003	
GM	2002078326	W1	20021003	
HR	2002078326	W1	20021003	
HU	2002078326	W1	20021003	
ID	2002078326	W1	20021003	
IL	2002078326	W1	20021003	

Application Data:

CC	Number	Kind	Date
*KR	2001015604	A	20010326
*KR	2001067016	A	20011030
CN	2001144886	A	20011228

Author (Inventor): **YANG DAO-SEUNG** ...

IPC: **H04N-007/14 ...**
?

```
? show files; ds; save temp; logoff hold
File 256:TecInfoSource 82-2005/Jan
         (c) 2005 Info.Sources Inc

Set     Items   Description
S1         70   HEADEND? OR HEAD()END? OR CENTRALOFFICE?  OR CENTRAL()OFFI-
               CE?
S2        320   CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR C-
               OMCAST
S3       2208   ( HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER-
               ?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? -
               OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4          1   AU=(ZUSTAK, F?   OR  ZUSTAK F? OR CHANG, M?      OR CHANG,
               M?  OR KRISHNAN, A?   OR  KRISHNAN A?  OR PROEHL, A?     OR P-
               ROEHL A? OR YANG, D?    OR   YANG D? OR SHINTANI, P?   OR   S-
               HINTANI P? OR EYER, M?     OR   EYER M? OR COLSEY, N?  OR   C-
               OLSEY N? OR C
S5          0   S4 AND S1
S6          2   S1(S)S3
S7          2   S6 NOT PY>2001
S8          9   S1(S)S2
S9          9   S8 NOT PY>2001
```

7/3,K/1
DIALOG(R)File 256:TecInfoSource

01135534 DOCUMENT TYPE: Product

PRODUCT NAME: Video-on-Demand Services (135534)

Pathfire Inc (733083)
245 Hembree Park Dr
Roswell, GA 30076 United States
TELEPHONE: (770) 619-0801

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030228

...VoD servers and submission schedule systems. A multicast distribution system transfers encoded VoD content between **providers** , **headends** , and MSO **sites** . Delivery to **headends** employs a hybrid satellite/DVB/VSAT IP multicast network. The distribution solution ensures the delivery...

7/3,K/2
DIALOG(R)File 256:TecInfoSource

00133794 DOCUMENT TYPE: Review

PRODUCT NAMES: Telecommunications (830210); Emergencies (833894)

TITLE: Phone Nets on Call: Communications Networks Function As Planned
AUTHOR: Coffield, Dana
SOURCE: Interactive Week, v8 n36 p21(1) Sep 17, 2001
ISSN: 1078-7259
HOMEPAGE: http://www.interactive-week.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20020130

...problems in New York. When Building 7 collapsed, it breached the walls of Verizon Communications' **central office** (CO), knocking out telephone connections to the New York Stock Exchange and to lower Manhattan...

...high-speed data lines knocked out of commission. With that, Verizon has moved mobile cell **sites** and other infrastructure to meet call demand. Other **providers** , such as Net2Phone, Dialpad Communications, AT&T, and Cingular Wireless, experienced high call demand after...
?

9/3,K/1
DIALOG(R)File 256:TecInfoSource

02465747 DOCUMENT TYPE: Company

DIVISION NAME: SpatialAge Solutions Division

Byers Engineering Co (465747)
6285 Barfield Rd
Atlanta, GA 30328 United States
TELEPHONE: (404) 843-1000
FAX: (404) 843-2278
HOMEPAGE: http://www.byers.com
EMAIL: info@byers.com

RECORD TYPE: Directory

CONTACT: Sales Department

STATUS: Active

SALES: NA

DATE FOUNDED: 1971
PERSONNEL: Stafford, Barbara L, Director
REVISION DATE: 20021030

...mapping, and other services. The Engineering Services division offers customers inside and outside plant engineering, **central office** engineering, construction management, inspection, carrier network implementation, and other services. Byers Engineering is affiliated with...

...and Alpine Group. The company's clients include AT&T, Bell Atlantic, BellSouth, British Telecom, **Cox** Cable, GTE, MCI, SBC, Telus, and Union Gas Limited.

9/3,K/2
DIALOG(R)File 256:TecInfoSource

00143972 DOCUMENT TYPE: Review

PRODUCT NAMES: VoIP (837067); Cable Telephony (801178)

TITLE: Triple Time: Can VoIP give MSOs the edge over the RBOCs?
AUTHOR: Hofstetter, Sarah
SOURCE: Telecommunications*Americas, v36 n13 p12(2) Nov 2002
ISSN: 1534-956X
HOMEPAGE: http://www.telecommagazine.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

Cox and AT&T Broadband deployed constant-bit-rate (CBR) telephony over

two years ago, with very good results. **Cox** 's margins on telephony service were reported at between 32 percent and 35 percent on...

...by about $85 per IP line, and another 31 percent by capitalizing most IP line **head - end** expenses.

9/3,K/3
DIALOG(R)File 256:TecInfoSource

00141214 DOCUMENT TYPE: Review

PRODUCT NAMES: CoreOS (132659); DOCSIS (841684); Vision 360 OSS (132641)

TITLE: Keeping MSOs in Shape: Advanced specifications up the ante for QoS...
AUTHOR: Buckley, Sean
SOURCE: Telecommunications*Americas, v36 n9 p28(3) Aug 2002
ISSN: 1534-956X
HOMEPAGE: http://www.telecommagazine.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

...solutions that actively monitor plant health, subscriber usage, DOCSIS management, and service assurance. For instance, **Time Warner** Cable chose C-Cor's Integrated Service Management System for a network with over 950...

...that monitor the health of an outside physical plant, including transponders, power supplies and network **headends** . Three standards have been approved: HFC Outside PHY plant monitoring; HFC outside plant monitoring for...

9/3,K/4
DIALOG(R)File 256:TecInfoSource

00137371 DOCUMENT TYPE: Review

PRODUCT NAMES: Broadband Internet Access (844446)

TITLE: The Last Mile Gets Longer: Technical challenges and bad press...
AUTHOR: Miller, Elizabeth Starr
SOURCE: the Net Economy, v3 n1 p40(1) Jan 21, 2002
ISSN: 1531-4324
HOMEPAGE: http://www.theneteconomy.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

The broadband market has not taken off like many **providers** expected. **Cable** still has a lead over DSL in the broadband marketplace, with 15 percent of households...

...advantage of not having to worry about how far the consumer is away from the **central office** , so long as a clear view of the southern sky is available.

9/3,K/5
DIALOG(R)File 256:TecInfoSource

00132231 DOCUMENT TYPE: Review

PRODUCT NAMES: DSL (840386); G.992 (846104)

TITLE: When Will PC OEMs Bundle ADSL Modems?
AUTHOR: Solomon, Yoram
SOURCE: Computer Technology Review, v21 n6 p26(2) Jun 2001
ISSN: 0287-9647
HOMEPAGE: http://www.westworldproductions.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

...provisioning is done via external ADSL modems linked to PCs via either EtherNet or USB **cable** . ADSL modems are **provided** free or subsidized to customers who sign long-term contracts with service providers. ADSL service ...
...ADSL requires 1.1MHz, which creates a situation in which the maximum distance between a **central office** and the subscriber is 18,000 feet. In the U.S., only 60 percent of...

9/3,K/6
DIALOG(R)File 256:TecInfoSource

00127116 DOCUMENT TYPE: Review

PRODUCT NAMES: DSL (840386); Cable Modems (840378)

TITLE: Broadband for business: DSL or cable?
AUTHOR: Coopee, Todd Railsback, Kevin
SOURCE: InfoWorld, v22 n45 p60(2) Nov 6, 2000
ISSN: 0199-6649
HOMEPAGE: http://www.infoworld.com

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

REVISION DATE: 20031030

...until 'we all have wireless gigabit connections for our toasters and cappuccino machines.' Todd says **cable providers** ' ability to use standard hardware components and to communicate with clients that can intercommunicate via TCP/IP reduces costs and allows **cable** Internet service **providers** (ISPs) to eliminate the need to write separate network drivers for every operating system. Kevin...

...each user has a dedicated copper wire that goes directly to the phone company's **central office** . Upload speed is better with DSL, says Kevin, since choices exist for both downstream and...

...and that performance can vary with the number of users on a specific segment. However, **cable** modem **providers** are addressing this issue by limiting the number of modems connected per Cable Modem Termination...

9/3,K/7
DIALOG(R)File 256:TecInfoSource

00123730 DOCUMENT TYPE: Review

PRODUCT NAMES: Streaming Media (838845); Wireless Internet (840408)

TITLE: Islands in the Stream: Streaming media?...
AUTHOR: Foley, Theresa
SOURCE: Business 2.0, p155(3) Jun 13, 2000
ISSN: 1080-2681
HOMEPAGE: http://www.business2.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

...streams use the same architecture used by TV broadcasters to distribute TV programming to 'cable **headends** ' or home viewers. RealNetworks' trials will run over three satellite services, a DSL service, and a **cable** modem broadband service **provider** as part of preparation to deliver a large number of high data streams to millions...

9/3,K/8
DIALOG(R)File 256:TecInfoSource

00121474 DOCUMENT TYPE: Review

PRODUCT NAMES: Cable Modems (840378)

TITLE: Road Runner: A Huge Infrastructure Buildout by the No. 2 Cable...
AUTHOR: Roberts-Witt, Sarah L
SOURCE: Internet World, p58(2) Feb 2000
ISSN: 1097-8291
HOMEPAGE: http://www.iw.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

Road Runner, the second-place **cable provider** with 430,000 subscribers, has not yet reached half of Excite@Home's size, but...

...then sent to a distribution hub that serves many more homes. The hub contains cable **head - end** equipment and a cable modem terminator system that allows the cable network and the IP...

9/3,K/9
DIALOG(R)File 256:TecInfoSource

00120126 DOCUMENT TYPE: Review

PRODUCT NAMES: DSL (840386); Wireless Internet (840408); Cable Modems (840378)

TITLE: Rapid Transit
AUTHOR: Ray, Ramon
SOURCE: Inc., v21 n13 p121(3) Sep 14, 1999
ISSN: 0162-8968
HOMEPAGE: http://www.inc.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

A discussion is **provided** of **cable** modem, DSL, and fixed wireless technology, three Internet connection methods that offer faster, cheaper access...
...is very affordable, as is the fixed-wireless solution, while cable technology uses an existing **cable** -service **provider** to link up to 30Mbps to the Internet. DSL technology uses otherwise unused higher frequencies...

...Internet. Advantages and disadvantages of each mode are described, and a list of vendors is **provided** . **Cable** is now a bi-directional service and is available in most homes, but special equipment...

...user's site usually has to be within three miles of the telephone company's **central office** . Fixed wireless usually requires an antenna installed on the user's premises, but has no...
?

```
? show files; ds; save temp; logoff hold
File 348:EUROPEAN PATENTS 1978-2005/Feb W04
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20050310,UT=20050303
         (c) 2005 WIPO/Univentio

Set     Items   Description
S1      13395   HEADEND? OR HEAD()END? OR CENTRALOFFICE?  OR CENTRAL()OFFI-
             CE?
S2      27628   CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR C-
             OMCAST
S3      21057   ( HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER-
             ?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? -
             OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4        488   AU=(ZUSTAK, F?   OR  ZUSTAK F? OR CHANG, M?      OR CHANG,
             M?  OR KRISHNAN, A?   OR  KRISHNAN A?  OR PROEHL, A?     OR P-
             ROEHL A? OR YANG, D?    OR   YANG D? OR SHINTANI, P?   OR   S-
             HINTANI P? OR EYER, M?     OR   EYER M? OR COLSEY, N?  OR   C-
             OLSEY N? OR C
S5      61388   IC=H04N?
S6         84   S5 AND S4
S7         17   S6 AND S1
S8          2   S7 AND S3
S9         69   S1(10N)S3
S10        30   S9 AND S5
S11        13   S10 NOT PY>2001
S12       264   S1(3N)S2
S13       174   S12 AND S5
S14        95   S13 NOT PY>2001
S15        84   S14 NOT AD=20010131:20050314
S16        84   IDPAT (sorted in duplicate/non-duplicate order)
S17        71   IDPAT (primary/non-duplicate records only)
S18         6   S17 AND S3
S19         5   S18 NOT S11
```

8/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00973696 **Image available**
EPG WITH VIDEO PREVIEWS
MASQUEUR ELECTRONIQUE AVEC PREVISUALISATION VIDEO
Patent Applicant/Assignee:
SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
COLSEY Nicholas , 2426 Lozana Road, Del Mar, CA 92014, US, US (Residence), GB (Nationality
Legal Representative:
KANANEN Ronald P (agent), RADER FISHMAN & GRAUER PLLC, 1233 20th Street, Suite 501, Washington, DC 20036, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200303725 A1 20030109 (WO 0303725)
Application: WO 2002US16969 20020530 (PCT/WO US0216969)
Priority Application: US 2001894387 20010628
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 7103

Patent Applicant/Inventor:
COLSEY Nicholas ...
Main International Patent Class: **H04N-005/445**
Fulltext Availability:
Detailed Description
Claims

English Abstract
...file may be stored in a local disc drive (172) or at a service provider **head end** (10). The video file can then be played in a window (330) of the electronic...

Detailed Description
... video file may be stored in a local disc drive or at a service provider **head end** .

The video file can then be played in a window of the electronic program guide...satellite television (TV) system 1 00 is shown. The system 1 00 includes, at a **head end** of the service provider 1 0, a media server 12 for providing, on demand, movies...or IP address or other unique identifier assigned thereto to provide for addressability by the **head end** and users of the Internet.

The media server 12 and EPG server 16 are operatively...diplexer 102 provides an 0013 return path for outbound data (destined for example for the **head end**). A separate tuner (not shown) may be provided to receive conventional RF broadcast television channels...so that data and other information can be transmitted not only from the system's **head end** to the end use r, or from a service provider to the end user of...a mechanism for the STB 22 and/or its user to send information to the **head end** (e.g., service requests or changes, registration information, etc.) as well as to provide fast outbound communication with the Internet or other services 1 0 provided at the **head end** to the end user. Set-Top Box22 may include anyof a pluralityof 1/0 (Input...table.

In anotherembodiment of the invention, the program previewfiles are stored at the service provider **head end** 10 within EPG server 16. Whenever a viewer 5 issues a preview command, the EPG...

Claim
... 6. The method according to claim I , wherein the video file is stored at content **provider site** (1 0). 27 7. The method according to claim 6, carried out in a television...17. The apparatus according to claim 12, wherein the video file is stored at content **provider site** (1 0).
0
1 18. The apparatus according to claim 17, wherein the video file...

8/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00827922 **Image available**
STANDARD METHOD OF ACCESS TO A MULTIMEDIA PROVIDER'S PORTAL
PROCEDE D'ACCES STANDARD AU PORTAIL D'UN FOURNISSEUR MULTIMEDIA
Patent Applicant/Assignee:
SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US (Residence), US (Nationality)
Inventor(s):
EYER Mark , 10525 Canyon Lake Drive, San Diego, CA 92127, US
Legal Representative:
MERLE W Richman III (agent), Richman & Associates, P.O. Box 3333, La Jolla, CA 92038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200161434 A2-A3 20010823 (WO 0161434)
Application: WO 2001US18417 20010104 (PCT/WO US0118417)
Priority Application: US 2000180085 20000203; US 2000182822 20000216; US 2000190342 20000317; US 2000197848 20000414; US 2000197308 20000414; US 2000197233 20000414; US 2000197234 20000414; US 2000197320 20000414
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English

Filing Language: English
Fulltext Word Count: 11447

Inventor(s):
EYER Mark ...
Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Detailed Description
Claims

English Abstract
...a multimedia service provider (10). The multimedia unit (22) receives an IP address to a **Web page** of the service **provider** (10); the **Web page** includes links to services provided by the service **provider** (10).

Detailed Description
... with the service provider may include information about the services available from the multimedia service **provider** . In particular, the multimedia service **provider** may generate a **Web page** at the IP address where the **Web page** includes information about the services available from the multimedia service **provider** . The services may include multimedia programs available from the multimedia service **provider** . The **Web page** at the IP address that may include selectable links that enable each multimedia unit to...5 in which the present invention may be employed. The architecture 5 includes a cable **head end** 10 of a MSO (multimedia service provider), a group of set top boxes ("STB"s...

...200 and a cable network I 1. The architecture 5 may include more than one **head end** IO placed at various locations throughout the cable network II. The cable network II is...

...embodiment, there is more than one communication channel available between the STBs and the cable **head end** . In particular, there may be three channels including, a cable modem interface channel, out of...

...customized response to the request. For example, when the unit requests an EPG, the service **provider** may verify the requestor (step 404) and generate a **Web** based EPG tailored to the unit's access privileges (subscription package). The service provider processes...

...service provider then transmits a response to the requestor (step 408). The response may a **Web page** . It is noted that these transmissions between the service **provider** and unit occur using an IP channel. Depending on the request of the unit the...the unit may request a Video on Demand ("VOD") by selecting a link in a **Web page** . The service **provider** may transmit a **Web page** indicating the acceptance of the request and transmit the video signal for the VOD on...
...invention. The unit first determines or receives the IP or URL address for the service **provider** 's **Web** -based access portal (step 410). Given there may be many service providers and consumers that...

...must be determined or received by the unit in order to communicate with the service **provider** 's **Web** access portal. In one embodiment, a standardized (default) uniform resource locator ("URL") is stored in...

...DNS") to resolve the URL address into an Internet Protocol ("IP")

...multimedia unit is a set top box.
117. The system of claim 116, wherein the **Web page** includes the services
available from the multimedia service **provider** . 118. The system of claim 106, the multimedia service provider having an IP address, the...

...the Web page via the IP address. 119. The system of claim 118, wherein the **Web page** includes the multimedia programs available from the multimedia service **provider** . . The system of claim II 5, the multimedia service **provider** further comprising means for generating a **Web page** that includes links to enable the multimedia unit to access services of the multimedia service provider. 121. The system of claim II 8, the multimedia service **provider** further comprising means for generating a **Web page** that includes links to enable the multimedia unit to access services of the multimedia service...
?

11/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00864460 **Image available**
CONTROLLING ACCESS TO INFORMATION OVER A MULTIBAND NETWORK
MAITRISE D'ACCES A UNE INFORMATION SUR UN RESEAU MULTIBANDES
Patent Applicant/Assignee:
SUN MICROSYSTEMS INC, 901 San Antonio Road, Palo Alto, CA 94303, US, US (Residence), US (Nationality)
Inventor(s):
SHAH Pallavi, 448 Kent Drive, Mountain View, CA 94043, US,
DEUTSCH Keith, 3192 Maddux Drive, Palo Alto, CA 94303, US,
FERNANDO Gerard, 142 Waverly Place, Mountain View, CA 94040, US,
Legal Representative:
HARRIMAN J D II (et al) (agent), Coudert Brothers, 333 South Hope Street, Suite 2300, Los Angeles, CA 90071, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200197588 A2-A3 20011227 (WO 0197588)
Application: WO 2001US12788 20010418 (PCT/WO US0112788)
Priority Application: US 2000551523 20000418
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8569

...International Patent Class: **H04N-007/16**
Fulltext Availability:
Detailed Description

Detailed Description
... to be distributed. For example, video sources 400 may be a television station or.a **web host** that provides the television show or HTML/graphics respectively.

Head end server 402 has a controlling relationship to head end 404 and is responsible for various...

11/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00855488 **Image available**
METHOD OF DELIVERING ADVERTISING THROUGH AN INTERACTIVE VIDEO DISTRIBUTION SYSTEM
PROCEDE D'ENVOI DE PUBLICITES PAR LE BIAIS D'UN SYSTEME DE DISTRIBUTION VIDEO INTERACTIF
Patent Applicant/Assignee:

GTE MAIN STREET INCORPORATED, 1209 Orange Street, Wilmington, DE 19801, US, US (Residence), US (Nationality)
Inventor(s):
HOOKS Darryl C, 1484 South Beverly Drive #105, Los Angeles, CA 90035, US,

WITOSZYNSKI James A, 3351 Vinton Avenue #3, Los Angeles, CA 90034-3728, US,
LUNSFORD M Shannon, 1880 Stonehenge Drive, Lafayette, CO 80026-9116, US,
BOGGS Melissa A, 108 Longs Peak Drive, P.O. Box 1044, Lyons, CO 80540-1044, US,
Legal Representative:
SUCHYTA Leonard Charles (et al) (agent), 600 Hidden Ridge HQE03G13, Irving, TX 75038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200189217 A1 20011122 (WO 0189217)
Application: WO 2000US13486 20000516 (PCT/WO US0013486)
Priority Application: WO 2000US13486 20000516
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9891

Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Claims

Claim
... said portion of said supplementary advertising information includes a hyperlink for navigating toward an Internet **web site** of a **provider** associated with said advertisement; and
said **head end** facility includes a web browser for accessing the Internet to connect said one of said...

11/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00851112 **Image available**
METHOD AND SYSTEM FOR UNIFORM RESOURCE IDENTIFICATION AND ACCESS TO TELEVISION SERVICES
PROCEDE ET SYSTEME UNIVERSEL D'IDENTIFICATION DES RESSOURCES INTERNET ET ACCES AUX SERVICES DE TELEVISION
Patent Applicant/Assignee:
SCIENTIFIC-ATLANTA INC, Kelly A. Gardner, Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US, US (Residence), US (Nationality)
Inventor(s):

JERDING Dean F, 315 Seventeenth Fwy., Roswell, GA 30076, US,
Legal Representative:
GARDNER Kelly A (et al) (agent), Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200184841 A2-A3 20011108 (WO 0184841)
Application: WO 2001US14147 20010502 (PCT/WO US0114147)
Priority Application: US 2000564262 20000504
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
BR CA JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 5210

Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Detailed Description

Detailed Description
... native application resident on the DHCT 16, any downIoadable application supported by the cable television **provider** at the **headend** 1 1, any Intemet **web** content, or any other information source provided by the cable television system. The interface implements...

11/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00851103 **Image available**
NAVIGATION MENU FOR ACCESS TO TELEVISION SERVICES
PARADIGME NAVIGATIONNEL D'ACCES A DES SERVICES DE TELEVISION
Patent Applicant/Assignee:
SCIENTIFIC-ATLANTA INC, Kelly A. Gardner, Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US, US (Residence), US (Nationality)
Inventor(s):
JERDING Dean F, 315 Seventeenth Fwy., Roswell, GA 30076, US,
RODRIGUEZ Arturo A, 5315 Abigail Lane, Norcross, GA 30092, US,
BANKER Robert O, 1581 Chamblee Gap Road, Cumming, GA 30040, US,
SCHLARB John M, 2040 North Creek Circle, Alpharetta, GA 30004, US,
VAN ORDEN Robert T, 4575 Dairy Way, Norcross, GA 30092, US,
CRANDALL Bindu, 4134 Poplar Bluff Court, Norcross, GA 30092, US,
Legal Representative:
GARDNER Kelly A (et al) (agent), Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200184831 A2-A3 20011108 (WO 0184831)
Application: WO 2001US14150 20010502 (PCT/WO US0114150)
Priority Application: US 2000565931 20000504
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
BR CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 11374

Main International Patent Class: **H04N-005/445**
Fulltext Availability:
Detailed Description

Detailed Description
... any native application to the DHCT 16, any downIoadable application supported by thd cable television **provider** at the **headend** 1 1 , any Internet **web** content, or any other 1 0 information source provided through the cable television system 1...

11/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00827922 **Image available**
STANDARD METHOD OF ACCESS TO A MULTIMEDIA PROVIDER'S PORTAL
PROCEDE D'ACCES STANDARD AU PORTAIL D'UN FOURNISSEUR MULTIMEDIA
Patent Applicant/Assignee:
SONY ELECTRONICS INC, 1 Sony Drive, Park Ridge, NJ 07656, US, US (Residence), US (Nationality)
Inventor(s):
EYER Mark, 10525 Canyon Lake Drive, San Diego, CA 92127, US,
Legal Representative:
MERLE W Richman III (agent), Richman & Associates, P.O. Box 3333, La Jolla, CA 92038, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200161434 A2-A3 20010823 (WO 0161434)
Application: WO 2001US18417 20010104 (PCT/WO US0118417)
Priority Application: US 2000180085 20000203; US 2000182822 20000216; US 2000190342 20000317; US 2000197848 20000414; US 2000197308 20000414; US 2000197233 20000414; US 2000197234 20000414; US 2000197320 20000414
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11447

Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Detailed Description

Detailed Description
... multimedia unit, in particular, a set-top box ("STB") 22, and remote control 36. The **head end** of the service **provider** 10 includes a

media server 12, **Web** based Access portal server 16, and **ISP Host** 38. The media server 12 of the **head end** 10 provides on demand movies and other programming such as interviews with actors, games, advertisements...

11/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00824578 **Image available**
APPARATUSES AND METHODS TO ENABLE THE SIMULTANEOUS VIEWING OF MULTIPLE TELEVISION CHANNELS AND ELECTRONIC PROGRAM GUIDE CONTENT
DISPOSITIFS ET PROCEDES PERMETTANT DE VISUALISER SIMULTANEMENT DE MULTIPLES CHAINES DE TELEVISION ET DU CONTENU DE GUIDE DE PROGRAMMES ELECTRONIQUE
Patent Applicant/Assignee:
SCIENTIFIC-ATLANTA INC, Kelly A. Gardner, Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US, US (Residence), US (Nationality)
Inventor(s):
RODRIGUEZ Arturo A, 5315 Abigail Lane, Norcross, GA 30092, US,
JERDING Dean F, 315 Seventeenth Fwy., Roswell, GA 30076, US,
BANKER Robert O, 1581 Chamblee Gap Road, Cumming, GA 30040, US,
Legal Representative:
GARDNER Kelly A (et al) (agent), Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200158162 A2-A3 20010809 (WO 0158162)
Application: WO 2001US3461 20010131 (PCT/WO US0103461)
Priority Application: US 2000178970 20000201; US 2000558556 20000426
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
BR CA JP
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 18006

Main International Patent Class: **H04N-005/445**
Fulltext Availability:
Detailed Description

Detailed Description
... Internet Service Provider (ISP) providing data to the system to enable subscribers web access or **web** -enhanced video via the subscriber's television set. The Content **Provider** 18 transmits the content to a **headend** 26 for further transmission to subscribers downstream in the network. Also in communication with the...

11/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00744250 **Image available**
SELECTIVELY CACHING VIDEO TO IMPROVE ON-DEMAND RESPONSE TIME

VIDEO A ANTEMEMOIRE SELECTIVE DESTINEE A AMELIORER LE TEMPS DE REPONSE A LA DEMANDE

Patent Applicant/Assignee:
INFOLIBRIA INC, 411 Waverly Oaks Road, S329, Waltham, MA 02154, US, US (Residence), US (Nationality)

Inventor(s):
HEDDAYA Abdelsalam A, 266 Woburn Street, Lexington, MA 02420, US,
TAO William Y, 411 Powdermill Road, Concord, MA 01742, US,
LEWIS Kevin T, 100 Fulton Street, No. 4T, Boston, MA 02109, US,
JANZEN Stephen P, 39 Wadsworth Lane, Duxbury, MA 02332, US,

Legal Representative:
THIBODEAU David J Jr (et al) (agent), Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200057645 A1 20000928 (WO 0057645)
Application: WO 2000US7450 20000321 (PCT/WO US0007450)
Priority Application: US 99274632 19990323

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 4928

Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Detailed Description

Detailed Description
... may also be connected to provide other
5 information content services such as to an **Internet Service Provider** (**ISP**) to provide access to electronic mail, the World Wide **Web** , and the like.
Also deployed at the **head end** 10 may be a redirecting cache server 18 and associated cache storage lo device 19...

11/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00575057 **Image available**
SYSTEM FOR TRANSPORTING MPEG VIDEO AS STREAMING VIDEO IN AN HTML WEB PAGE
SYSTEME D'ACHEMINEMENT VIDEO MPEG SOUS FORME DE SEQUENCE VIDEO DANS UNE PAGE WEB HTML

Patent Applicant/Assignee:
MORECOM INC,

Inventor(s):
MAO Weidong,
HYATT Wayne E,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200038430 A1 20000629 (WO 0038430)
  Application: WO 99US28840 19991206 (PCT/WO US9928840)
  Priority Application: US 98110613 19981220
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AU BR CA CN CZ ES GE HU ID IL IN IS JP KR MX NO NZ PL PT RO RU SG UA YU
  AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 10671
Main International Patent Class: **H04N-007/24**
International Patent Class: **H04N-007/173** ...

... **H04N-007/16**
Fulltext Availability:
  Detailed Description

Detailed Description
... top through the HTML Event Information Table. In particular, in the case of CATV,. the **headend** communicates with the individual **web sites** of each broadcast video content **provider** to obtain the relationship between broadcast video program content and corresponding web pages in the...

11/3,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00551589 **Image available**
ENHANCED SECURITY COMMUNICATIONS SYSTEM
SYSTEME DE COMMUNICATION A SECURITE RENFORCEE
Patent Applicant/Assignee:
  ASVAN TECHNOLOGIES LLC,
Inventor(s):
  BASAWAPATNA Ganesh,
  BASAWAPATNA Varalakshmi,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200014962 A1 20000316 (WO 0014962)
  Application: WO 99US20747 19990908 (PCT/WO US9920747)
  Priority Application: US 98149194 19980908; US 99391558 19990908
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
  MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
  VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
  BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA
  GN GW ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 19423

Main International Patent Class: **H04N-007/10**
Fulltext Availability:
  Claims

Claim

... said telephony interface means of said service module connects said user telephone call to said **headend** system, which in turn, connects said end user **site** telephone call to said telephony service **provider** , which in turn, connects said telephone call to said another party.

46 The system as...

11/3,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00548467 **Image available**
HOME GATEWAY
PASSERELLE DOMESTIQUE
Patent Applicant/Assignee:
MITSUBISHI ELECTRIC CORPORATION,
Inventor(s):
AKATSU Shinji,
MATSUBARA Fernando Masami,
MATSUO Eiji,
MIURA Shin,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200011840 A2 20000302 (WO 0011840)
Application: WO 99US18511 19990812 (PCT/WO US9918511)
Priority Application: US 98140899 19980825; US 98144678 19980831; US 99302636 19990429
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
CA DE GB JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 20233
International Patent Class: **H04N-007/18** ...
Fulltext Availability:
Detailed Description

Detailed Description
... or turn out a light.

In either the web-server or SNMP manager embodiments, a **central office** or monitoring **site** , for example the VSP 648 or IAP/ **ISP** 640 (described above with reference to FIG. 6), is capable of monitoring devices within the...

11/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00543988 **Image available**
DIGITAL TV SYSTEM WITH SYNCHRONIZED WORLD WIDE WEB CONTENT
SYSTEME DE TELEVISION NUMERIQUE AVEC CONTENU WEB SYNCHRONISE AU PLAN MONDIAL
Patent Applicant/Assignee:
MORECOM INC, Suite 200, Two Walnut Grove, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):

MAO Weidong, 203 Salem Court, #12, Princeton, NJ 08540, US,
CHEN David, 78 South Traymore Avenue, Ivyland, PA 18974, US,
Legal Representative:
JACOBSON Allan J (agent), Intellectual Property Law, 13310 Summit Square Center, Route 413 & Doublewoods Road, Langhorne, PA 19047, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200007361 A2-A3 20000210 (WO 0007361)
Application: WO 99US17000 19990727 (PCT/WO US9917000)
Priority Application: US 98124572 19980729
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BR CA CN CZ ES GE HU ID IL IN IS JP KR MX NO NZ PL PT RO RU SG UA YU
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 14119

Main International Patent Class: **H04N-005/445**
International Patent Class: **H04N-005/00**
Fulltext Availability:
Detailed Description

Detailed Description
... settop through the HTML Event Information Table. In particular, in the case of CATV, the **headend** communicates with the individual **web sites** of each broadcast video content **provider** to obtain the relationship between broadcast video program content and corresponding web pages in the...

11/3,K/12 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00349469 **Image available**
INFORMATION TERMINAL HAVING RECONFIGURABLE MEMORY
TERMINAL D'INFORMATION A MEMOIRE RECONFIGURABLE
Patent Applicant/Assignee:
SCIENTIFIC-ATLANTA INC,
Inventor(s):
PINDER Howard G,
WASILEWSKI Anthony J,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9631982 A1 19961010
Application: WO 96US4165 19960402 (PCT/WO US9604165)
Priority Application: US 95415617 19950403
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA CN JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 10638

Main International Patent Class: **H04N-007/167**
Fulltext Availability:
Detailed Description

Detailed Description

... any combination thereof Further, while the information providers of Figure 2A are remotely located from **head - end** installation 125, one or more information **providers** may be physically located at the same **site** as **head - end** installation 125.

Each information service **provider** preferably has its own unique service provider identifier and, further, its own public key, which...

11/3,K/13 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00339474
MULTIMEDIA COMMUNICATIONS VIA PUBLIC TELEPHONE NETWORKS
COMMUNICATIONS MULTIMEDIA VIA DES RESEAUX TELEPHONIQUES PUBLICS
Patent Applicant/Assignee:
VISIONARY CORPORATE TECHNOLOGIES INC,
LUDWIG Lester Frank Jr,
Inventor(s):
LUDWIG Lester Frank Jr,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9621986 A2 19960718
Application: WO 95US13016 19951004 (PCT/WO US9513016)
Priority Application: US 94976 19941230
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 26610
International Patent Class: **H04N-07:10**
Fulltext Availability:
Detailed Description

Detailed Description
... be
advantageous. to employ high-quality video codecs and greater transmission bandwidth between the multimedia **central office** and a services-providing **site** so as to give the same quality as a service **hosted** inside the multimedia **central office** .

There is currently considerable interest in home interactive television. Current proposals focus on expensive installations...less than emerging ATM switches and other equipment for interactive video.

At the serving multimedia **central office** or a third-party service **provider site** connected thereto, digital disk-based broadcast quality video servers, such as scaled-up versions of...
?

19/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00794692 **Image available**
OBJECT AND RESOURCE SECURITY SYSTEM
SYSTEME DE SECURITE D'OBJETS ET DE RESSOURCES
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SPRUNK Eric J, 6421 Cayenne Lane, Carlsbad, CA 92009, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
FRANKLIN Thomas D (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200128232 A1 20010419 (WO 0128232)
Application: WO 2000US27632 20001006 (PCT/WO US0027632)
Priority Application: US 99158491 19991008; US 99165094 19991112; US 99174037 19991230; US 2000580303 20000526
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 8324

Main International Patent Class: **H04N-005/00**
International Patent Class: **H04N-007/16** ...

... **H04N-007/167**
Fulltext Availability:
Detailed Description

Detailed Description
... subscribers by way of conditional access (CA) systems. CA systems distribute video streams from a **headend** of the **cable** TV **provider** to a set top box associated with a subscriber. The headend includes hardware that receives...

...features with a TV. In other systems, a personal computer (PC) is connected to an **Internet service provider** (**ISP**) that provides the content for the **web** browsing and e-mail features. Software programs, such as the e-mail program, tend to...

19/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00785513 **Image available**
ENTITLEMENTS OF OBJECTS AND RESOURCES
HABILITATION POUR DES OBJETS ET DES RESSOURCES
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
SPRUNK Eric J, 6421 Cayenne Lane, Carlsbad, CA 92006, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
FRANKLIN Thomas D (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, US,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200119074 A1 20010315 (WO 0119074)
Application: WO 2000US24097 20000901 (PCT/WO US0024097)
Priority Application: US 99152385 19990903
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 9424

Main International Patent Class: **H04N-005/00**
Fulltext Availability:
Detailed Description

Detailed Description
... I 0 way of conditional access (CA) systems. CA systems distribute video streams from a **headend** of the **cable** TV **provider** to a set top box associated with a -subschiber. The headend includes hardware that receives...
...a personal computer (PC) is housed near the TV. The PC is connected to an **Internet service provider** (**ISP**) that provides the content for the **web** browsing and e-mail programs.

These systems provide content without checking entitlements as is required...serves as the conduit for information traveling between the set top box 108 and the **headend** 104 of the **cable** TV **provider** . In this embodiment, the network has one hundred and twenty analog channels and a bi...

19/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00782225 **Image available**

VIRTUAL HYBRID INTERACTIVE MULTICASTING SYSTEM AND METHOD
SYSTEME ET PROCEDE DE MULTIDIFFUSION INTERACTIVE HYBRIDE VIRTUELLE

Patent Applicant/Inventor:
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Patent and Priority Information (Country, Number, Date):
Patent: WO 200115359 A1 20010301 (WO 0115359)
Application: WO 2000US40717 20000822 (PCT/WO US0040717)
Priority Application: US 99150214 19990823; US 2000195027 20000406; US 2000195054 20000406
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11999

International Patent Class: **H04N-005/445** ...

... **H04N-007/16** ...

... **H04N-007/20** ...

... **H04N-007/173** ...

... **H04N-007/16**
Fulltext Availability:
Detailed Description

Detailed Description
... and /dirl/dir2/resouce.htm designates the location of the resource on the designated computer.

Web servers host information in the form of **Web** pacles; collectively the server and the information **hosted** are referred to as a **Web site** . A significant number of Web pages are encoded using the Hypertext Markup Language (HTML) although...for example, at a location controlled by a national broadcaster 8 or a digital resource **provider** 420 (**provider** of **Web** content). In such embodiments, the local broadcaster IO would have access to such schedule information...Internet or other content to pre-designated geographic areas. An interactive rendering process system is **provided** at the **cable head end** (or at the local broadcaster's studio). The national broadcaster 8 broadcasts video content, and...

19/3,K/4 (Item 4 from file: 349)

00566981 **Image available**

DIGITAL BROADCAST PROGRAM ORDERING

CLASSEMENT DE PROGRAMMES NUMERIQUES DE DIFFUSION

Patent Applicant/Assignee:
DISCOVERY COMMUNICATIONS INC,

Inventor(s):
HENDRIKS John S,
BONNER Alfred E,
ASMUSSEN Michael L,
McCOSKEY John S,

Patent and Priority Information (Country, Number, Date):
Patent: WO 200030354 A1 20000525 (WO 0030354)
Application: WO 99US26479 19991110 (PCT/WO US9926479)
Priority Application: US 98191520 19981113

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 35579

Main International Patent Class: **H04N-007/16**
International Patent Class: **H04N-007/173**
Fulltext Availability:
Detailed Description

Detailed Description

... to the national broadcaster, a broadcast affiliate, a local cable system, any other broadcast program **provider** , another remote location, and to the Internet **web site** .

1 In an embodiment, after receiving the order signal, an order and authorization system verifies...1 6 up-stream/interactivity signals are sent and received over the media 216. The **cable headend** 208 **provides** such signaling capabilities in its dual roles as a signal processor 1 8 209 and...the program guide 300 may also be incorporated into a menu-driven program access system **provided** by the **cable headend** 208 or the operations center 202 of Figure 2. Alternately, the program guide 300 may...also receive the demographic data, and the other subscriber specific data.

Individualized menus may be **provided** by the **cable headend** 208 or the
national affiliate 112, with the menu data included in the programming 115...button to a web site may be included in the upper window 31 1. The **web site** may contain additional information about the program **provider** , preview information regarding upcoming programs, special features such as a package of NFL games that...

19/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00436120 **Image available**
INTERNET TELEVISION PROGRAM GUIDE SYSTEM
SYSTEME DE GUIDE DES PROGRAMMES DE TELEVISION D'INTERNET
Patent Applicant/Assignee:
PREVUE INTERNATIONAL INC,
Inventor(s):
BOYER Franklin E,
DEMERS Timothy B,
ALLISON Donald W,
REGOUBY Mark A,
WILLIAMSON Steven C,
HENSLEY Joanna L,
HERRINGTON W Benjamin,
REEDY Paul N,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9826584 A1 19980618
Application: WO 97US22753 19971209 (PCT/WO US9722753)
Priority Application: US 9632539 19961210; US 97938028 19970918
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 13292

Main International Patent Class: **H04N-005/445**
Fulltext Availability:
Detailed Description

Detailed Description
... allowing the user to
provide information regarding the user's multimedia
system to the service **provider**

FIG. 10 is a **web page** presenting various
program guide options to the user

FIG. 11 is a web page containing...as weather data, sports scores, etc.,
via data input
85

A web server 86 is **provided** in each **cable**
system **headend** 88. Cable system headend 88 has
additional components (not shown) for distributing
cable television signals...
?

```
? show files; ds; save temp; logoff hold
File   9:Business & Industry(R) Jul/1994-2005/Mar 11
         (c) 2005  The Gale Group
File  15:ABI/Inform(R) 1971-2005/Mar 14
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Mar 14
         (c) 2005 The Gale Group
File  20:Dialog Global Reporter 1997-2005/Mar 14
         (c) 2005 The Dialog Corp.
File  47:Gale Group Magazine DB(TM) 1959-2005/Mar 14
         (c) 2005 The Gale group
File  75:TGG Management Contents(R) 86-2005/Mar W1
         (c) 2005 The Gale Group
File  80:TGG Aerospace/Def.Mkts(R) 1982-2005/Mar 14
         (c) 2005 The Gale Group
File  88:Gale Group Business A.R.T.S. 1976-2005/Mar 11
         (c) 2005 The Gale Group
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
         (c) 2004 United Business Media
File 141:Readers Guide 1983-2005/Dec
         (c) 2005 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2005/Mar 14
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Mar 14
         (c) 2005 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2005/Mar 11
         (c) 2005 The Dialog Corp.
File 484:Periodical Abs Plustext 1986-2005/Mar W1
         (c) 2005 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
         (c) 2005 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2005/Mar 14
         (c) 2005 The Gale Group
File 608:KR/T Bus.News. 1992-2005/Mar 14
         (c)2005 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Mar 11
         (c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2005/Mar 14
         (c) 2005 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 14
         (c) 2005 The Gale Group
File 623:Business Week 1985-2005/Mar 10
         (c) 2005 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2005/Mar 10
         (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2005/Mar 12
         (c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Mar 12
         (c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 14
         (c) 2005 The Gale Group
File 647:CMP  Computer Fulltext 1988-2005/Feb W4
         (c) 2005 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2005/Mar 11
         (c) 2005 The Dialog Corp.
File 674:Computer News Fulltext 1989-2005/Mar W2
```

(c) 2005 IDG Communications
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane`s Defense&Aerospace 2005/Mar W1
(c) 2005 Jane`s Information Group

Set	Items	Description
S1	214315	HEADEND? OR HEAD()END? OR CENTRALOFFICE? OR CENTRAL()OFFICE?
S2	930597	CABLE(3N)PROVID? OR TIMEWARNER OR TIME()WARNER OR COX OR COMCAST
S3	830620	(HOST? OR PROVIDER? OR ISP OR INTERNET()SERVICE()PROVIDER?)(10N)(WEBSITE? OR WEB? OR SITE? OR WEB?()SITE? OR WEBPAGE? OR WEB()PAGE? OR WEB()SERVER? OR WEBSERVER?)
S4	3761	AU=(ZUSTAK, F? OR ZUSTAK F? OR CHANG, M? OR CHANG, M? OR KRISHNAN, A? OR KRISHNAN A? OR PROEHL, A? OR PROEHL A? OR YANG, D? OR YANG D? OR SHINTANI, P? OR SHINTANI P? OR EYER, M? OR EYER M? OR COLSEY, N? OR COLSEY N? OR C
S5	3	S1 AND S4
S6	97	S1(20N)S3(20N)S2
S7	45	RD (unique items)
S8	39	S7 NOT PY>2001

5/3,K/1 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

06216307 SUPPLIER NUMBER: 408336721 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Student leadership in public health advocacy: Lessons learned from the hepatitis B initiative
Hsu, Leslie D; DeJong, William; Hsia, Renee; **Chang, Michael** ; Et al
American Journal of Public Health (GAPH), v93 n8, p1250-1252
Aug 2003
ISSN: 0090-0036 JOURNAL CODE: GAPH
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1729

... **Chang, Michael**

TEXT:
... the Centers for Medicare and Medicaid Services. To help ensure continuity, the HBI secured a **central office** in late 1999 and established an advisory board of community, government, and academic leaders. The...

5/3,K/2 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

0948822 99-11602
Harvard amasses a colossal endowment
Golden, Daniel ; Yemma, John
Boston Globe (Boston, MA, US) pA.1
PUBL DATE: 980531
WORD COUNT: 4,105
DATELINE: Cambridge, MA, US, New England

Golden, Daniel ...

TEXT:

...its own alumni and researches its own prospects, although the small tubs sometimes consult the **central office** 's ratings.

McArthur's band heeded his call.

John Hobbs, MBA '65, became cochair of...the altruism waned. Reverting to form, the tubs put their own needs first, and the **central office** capitulated. Harvard hosted a fund-raising weekend for the environment program that reaped $2 million...

...the Kennedy School invitation, it alarmed arts and sciences fund-raisers. At their behest, the **central office** said that from then on, small schools would need its approval before considering any prospects ...

5/3,K/3 (Item 2 from file: 635)

0581335 95-37267

UMass struggles for greatness

Dembner, Alice; **Golden, Daniel**

Boston Globe (Boston, MA, US) s1 p1
PUBL DATE: 950312
WORD COUNT: 3,818
DATELINE: Boston, MA, US

... **Golden, Daniel**

TEXT:

...rather than combined strength, still reluctant to cut duplicative programs or yield authority to the **central office** of the president.

"I underestimated how long it would take to overcome the old institutional...

8/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

2777196 Supplier Number: 02777196 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Tech Briefs
(Akamai will deploy, integrate RealSystem G2, under new joint venture; Virage will enter alliance with RealNetworks to offer enhanced video search its RealPlayer, Real.com users)
Electronic Media, v 19, p 32
April 17, 2000
DOCUMENT TYPE: Journal ISSN: 0745-0311 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 149

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...streaming media content using RealNetworks technology. Akamai's network consists of more than 2,750 **Web servers** within more than 150 Internet backbones, **Internet service providers , cable headends** , digital subscriber line providers and satellite facilities in more than 45 countries. Separately, Virage, a...

8/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

2131760 Supplier Number: 02131760 (USE FORMAT 7 OR 9 FOR FULLTEXT)
S-A Gets Cox, Time Warner Nods
(Scientific-Atlanta gets order for 15,000 Explorer 2000 digital set top boxes from Cox Communications, while Time Warner Cable doubles its order to 1.1 mil units)
Multichannel News, v 19, n 17, p 12
April 27, 1998
DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 422

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...site in San Diego, gearing up for a summertime launch of digital video by integrating **headend** systems with **Cox** 's on- **site** business systems, interactive-program-guide-data **providers** and digital-broadcast services.

Mike Harney, vice president and general manager of S-A's...

...is a major cable operator, a major market and a major endorsement." He added that **Cox** "made more than a set-top decision -- it made a long-term investment in a...

8/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

2131143 Supplier Number: 02131143 (USE FORMAT 7 OR 9 FOR FULLTEXT)
S-A Gets More Digital Box Orders
(Time Warner Cable doubles its set-top box order from Scientific-Atlanta; Cox Communications will use S-A digital system in San Diego)
Cable World, v 10, n 17, p 144
April 27, 1998
DOCUMENT TYPE: Journal ISSN: 1042-7228 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 304

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...those in an undisclosed market in early summer.

San Diego is the first market where **Cox** is installing S-A boxes; its previous launches have been with GI's units.

Cox has committed to an initial purchase order of 15,000 units and is currently working with S-A to integrate **head - end** systems with its on-**site** business systems, interactive program guide data **providers** and digital broadcast sources.

Commercial deployment is planned for the second half of the year.
...

8/3,K/4 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02106615 65302122
The branded service portal comes of age
Dobbins, Kurt
Telecommunications v34n12 PP: 66-68 Dec 2000
ISSN: 0278-4831 JRNL CODE: TEC
WORD COUNT: 1413

...TEXT: of IP and converged services, the competitive struggle over who controls customer access to the **Web** , the telephone switch or the **cable headend** will push **providers** to adopt the same self-servicing models that companies such as Federal Express, Cisco or Yahoo! have used to great effect on the **Web** . Competitive **providers** , whether they're CLECs, ISPs or ASPs, will force the hand of incumbent carriers to...

8/3,K/5 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01868125 05-19117
Valuation of the telecommunications equipment industry
Anonymous
Weekly Corporate Growth Report n1054 PP: 10289-10291+ Jul 26, 1999
ISSN: 1050-320X JRNL CODE: JBO
WORD COUNT: 406

...TEXT: tops have not only expanded programming capacity but eventually will also create revenue prospects for **cable providers** through electronic mail, **web** browsing, electronic commerce, videoon-demand, and advertising services.

Market Participants

General Instrument, the market leader...

...digital set-top converters, has already shipped three million digital converters. It has installed 700 **headend** systems and has agreements to supply 15 million set-tops.

Scientific-Atlantic is the only...
...of its Explorer 2000 are increasing, and the company has agreements with 17 North American **cable providers** , one of which is **Time - Warner** . The company has expanded its production capacity and plans to introduce updated versions of the...

8/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

09041544 Supplier Number: 78841957 (USE FORMAT 7 FOR FULLTEXT)
PanAmSat's NET-36 to Deliver Satellite-Based Internet Broadcast of Alejandro Sanz MTV Unplugged Concert Live At MTVla.com.
Business Wire, p1268
Oct 2, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 618

... the world's population, NET-36 enables content producers to broadcast streaming media to DSL **providers** , **cable headends** , ISP's, and broadband wireless providers. NET-36 ensures that Internet subscribers with high-speed...

...media streams at the same high fidelity in which the content existed at the content **provider** 's origin **site** - untainted by Internet congestion. For more information, visit http://www.net-36.com.
About PanAmSat...

8/3,K/7 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08704759 Supplier Number: 75428499 (USE FORMAT 7 FOR FULLTEXT)
PanAmSat's NET-36 Selected By EWTN For Distribution of High-fidelity Streaming Media.
Business Wire, p2057
June 11, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 826

... the world's population, NET-36 enables content producers to

broadcast streaming media to DSL **providers** , **cable** **headends** , ISP's, and broadband wireless providers. NET-36 ensures that Internet subscribers with high-speed...

...media streams at the same high fidelity in which the content existed at the content **provider** 's origin **site** - untainted by Internet congestion. For more information, visit http://www.net-36.com.
About EWTN...

8/3,K/8 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08245590 Supplier Number: 69437584 (USE FORMAT 7 FOR FULLTEXT)
NET-36 Provides Streaming Content Delivery for 2001 Sundance Film Festival.
Business Wire, p2410
Jan 24, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 932

... the world's population, NET-36 enables content producers to broadcast streaming media to DSL **providers** , **cable** **headends** , ISP's, and broadband wireless providers.
NET-36 ensures that Internet subscribers with high-speed...

...media streams at the same high fidelity in which the content existed at the content **provider** 's origin **site** - untainted by Internet congestion. For more information, visit http://www.net-36.com.
About the...

8/3,K/9 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08218347 Supplier Number: 69199022 (USE FORMAT 7 FOR FULLTEXT)
NET-36 to Provide Streaming Content Delivery for DirecPC; Offers Subscribers High-Fidelity Streaming Media.
Business Wire, p2066
Jan 16, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 776

... the world's population, NET-36 enables content producers to broadcast streaming media to DSL **providers** , **cable** **headends** , ISP's, and broadband wireless providers. NET-36 ensures that Internet subscribers with high-speed...

...media streams at the same high fidelity in which the content existed at the content **provider** 's origin **site** - untainted by Internet congestion. For more information, visit http://www.net-36.com.

8/3,K/10 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07968655 Supplier Number: 65769494 (USE FORMAT 7 FOR FULLTEXT)
Packets; Remote possibilities.(Company Business and Marketing)
Quinton, Brian
Telephony, pNA
Oct 2, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 714

... click on the ones they want to record. This can be done from Jovio's **site** or from any **Web site** with access to the appropriate **provider** 's electronic program guide.
That click will return to the Jovio server as a request to store that broadcast video stream in a server at a nearby video **headend** operated by their local **cable** or satellite **provider** . Later, the user can send another request via the Jovio **Web page** to download that stream to their TV, where it can be watched with full PVR...

8/3,K/11 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07474273 Supplier Number: 62794006 (USE FORMAT 7 FOR FULLTEXT)
New U S WEST Online Avenue(SM) 'Internet Community' Transforms Online Experience for Web Surfers with High-Speed Connections.
PR Newswire, pNA
June 19, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 2751

... NET/36 is designed for content providers broadcasting digital video, data and audio to DSL **providers** , **cable headends** , ISPs and broadband wireless providers. Through its design, NET/36 can ensure that Internet subscribers...

...audio streams at the same high fidelity in which the content exists at the content **provider** 's origin **site** -untainted by Internet congestion. Streaming video is the first of several services to be enabled...

8/3,K/12 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

07326134 Supplier Number: 62081987 (USE FORMAT 7 FOR FULLTEXT)
C-Cube Reaches Million-Unit Milestone in Silicon Shipments to KirchGroup for Pay TV Set-Tops in Germany.
Business Wire, p0228
May 15, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 837

... includes system software components, an application programming

interface (API), conditional access (CA), subscriber management and **head - end** scheduling equipment, and complete hardware and software reference platforms for different multimedia applications.

" **Cable** and satellite television **providers** are increasingly turning to **Web** -enhanced set-top boxes to expand their subscriber bases," said C-Cube CEO Umesh Padval...

8/3,K/13 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06471605 Supplier Number: 55073432 (USE FORMAT 7 FOR FULLTEXT)
Broadband Technologies Are Revolutionizing The Way At-home Users Access The Internet.(Technology Information)
Ozer, Jan
Computer Shopper, p224
August, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 2916

... an IP address dynamically when you log onto the system, which complicates the prospect of **hosting** a **Web site** .

Shared Architecture

Cable modems use the same shared network as cable TV, which connects groups...

...coaxial cable in a "fiber node." This fiber node terminates at a distribution hub, or " **headend** ," that is connected to the main cable plant by fiber-optic **cable** . To **provide** Internet services, most **cable headends** must be upgraded to handle two-way traffic and to route data to and from the Internet. **Cable providers** can also install **Web servers** at the **headend** to distribute high-bandwidth content and cached data, providing an extremely fast connection to customers...

8/3,K/14 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05578921 Supplier Number: 48446990 (USE FORMAT 7 FOR FULLTEXT)
S-A Gets Cox, Time Warner Nods
Ellis, Leslie
Multichannel News, p12
April 27, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 430

... site in San Diego, gearing up for a summertime launch of digital video by integrating **headend** systems with **Cox** 's on- **site** business systems, interactive-program-guide-data **providers** and digital-broadcast services.

Mike Harney, vice president and general manager of S-A's...

...is a major cable operator, a major market and a major endorsement.'

He added that **Cox** 'made more than a set-top decision - it made a

long-term investment in a...

8/3,K/15 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05573736 Supplier Number: 48439948 (USE FORMAT 7 FOR FULLTEXT)
Cox Communications Readies Its San Diego Operation To Launch Scientific-Atlanta's Advanced Digital Set-Top and System
PR Newswire, p0423ATTH020
April 23, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 848

... deployment of Scientific-Atlanta's Explorer(R) 2000 advanced digital set-top and interactive network. **Cox** is the fifth largest cable operator in the U.S., and San Diego is its...

...largest cable system.
Currently Scientific-Atlanta is on-site in San Diego helping to integrate **headend** (**central office**) systems with **Cox** 's on- **site** business systems, interactive program guide data **providers** and digital broadcast sources. Commercial launch of **Cox** Digital TV(sm) in San Diego is expected in the second half of 1998.
"We are thrilled that **Cox** has chosen San Diego to launch the Explorer 2000 advanced digital set-top," said Michael...

8/3,K/16 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04906784 Supplier Number: 47214976 (USE FORMAT 7 FOR FULLTEXT)
Sun shines on new channels; clouds gather in Redmond
Computer Reseller News, p236
March 17, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 731

... the home and SOHO kind of world, and those are what I call the service **providers** . You give them zero-admin client JavaStations and **Web - server** capability, serving up Web data types. We go to the cable companies as a service **provider** , and they put in file servers and database servers and **Web servers** and applet servers all from Sun in the **head - end** equipment room. . . . They're kind of a new reseller for us, a new demand creator for us.
CRN:How about your other channels?
McNealy:We have the service **providers** -the **cable** companies, telcos, utilities and ISPs [Internet service providers]. Then we also have a third group...

8/3,K/17 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

11566101 (USE FORMAT 7 OR 9 FOR FULLTEXT)
New U S WEST Online Avenue(SM) 'Internet Community' -2-
PR NEWSWIRE
June 19, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1336

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... NET/36 is designed for content providers broadcasting digital video, data and audio to DSL **providers , cable headends** , ISPs and broadband wireless providers. Through its design, NET/36 can ensure that Internet subscribers...

... audio streams at the same high fidelity in which the content exists at the content **provider** 's origin **site** -untainted by Internet congestion. Streaming video is the first of several services to be enabled...

8/3,K/18 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

11149965 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ISPCON Spring Exhibitor Profiles A to Z; Conference and -5-
BUSINESS WIRE
May 22, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1345

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... enable video and data content providers to broadcast digital video, data and audio to DSL **providers , cable headends** , ISPs and broadband wireless providers. For more information on PanAmSat and NET/36, visit the ...

... Pathnet Booth: 565 Contact: Patti Kelly Phone: 703-390-2868 E-Mail: pkelly@pathnet.net **Web** : www.pathnet.net
Pathnet offers service **providers** immediate growth and profitability with the only technologically advanced, convergent platform serving the nation's...

8/3,K/19 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

11026916 (USE FORMAT 7 OR 9 FOR FULLTEXT)
C-CUBE MICROSYSTEMS: C-Cube reaches million-unit milestone in silicon shipments to KirchGroup for pay TV set-tops in Germany
M2 PRESSWIRE
May 15, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 866

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... includes system software components, an application programming interface (API), conditional access (CA), subscriber management and **head - end** scheduling equipment, and complete hardware and software reference platforms for different multimedia applications.

" **Cable** and satellite television **providers** are increasingly turning to **Web** -enhanced set-top boxes to expand their subscriber bases," said C-Cube CEO Umesh Padval...

8/3,K/20 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

10625356 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SoftNet's ISP Channel Signs Six New Contracts With Independent Cable Operators; Extends Several Existing Contracts
PR NEWSWIRE
April 18, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1000

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... company.

Through its ISP Channel, the company provides a complete Internet access service to partnering **cable** companies. ISP Channel **provides** its **cable** affiliates with cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours...

... faster than standard dial-up when downloading e-mails, files, graphics, audio and video. Additional **ISP** Channel services include personal **web pages** , news groups, and full multi-media capabilities.

SoftNet's Intellicom subsidiary combines Internet services with...

8/3,K/21 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

10575786 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SoftNet's ISP Channel Expands into Canada; Lands Deal with Northern Cablevision to Offer High Speed Internet Access to 42,000 Homes
PR NEWSWIRE
April 14, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 900

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... company.

Through its ISP Channel, the company provides a complete Internet access service to partnering **cable** companies. ISP Channel **provides** its **cable** affiliates with cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours...

... faster than standard dial-up when downloading e-mails, files, graphics,

audio and video. Additional **ISP** Channel services include personal **web pages** , news groups, and full multi-media capabilities.
SoftNet's Intellicom subsidiary combines Internet services with...

8/3,K/22 (Item 6 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

10575767 (USE FORMAT 7 OR 9 FOR FULLTEXT)
(CNW) SoftNet's ISP Channel Expands into Canada; Lands Deal with Northern Cablevision to Offer High Speed Internet Access to 42,000 Homes
CANADA NEWSWIRE
April 14, 2000
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 902

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... company.
Through its ISP Channel, the company provides a complete Internet access service to partnering **cable** companies. ISP Channel **provides** its **cable** affiliates with cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours...

... faster than standard dial-up when downloading e-mails, files, graphics, audio and video. Additional **ISP** Channel services include personal **web pages** , news groups, and full multi-media capabilities.
SoftNet's Intellicom subsidiary combines Internet services with...

8/3,K/23 (Item 7 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

10311210 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PanAmSat Unveils Net/36 Broadcast Network as Core of Global Internet Initiative, Strikes Alliances With U S West and RealNetworks
BUSINESS WIRE
March 29, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1435

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... development of network software and the deployment of PanAmSat-owned antennas and servers at DSL **provider sites** , **cable headends** , ISPs and broadband wireless **provider sites** .
NET/36 will offer comprehensive end-to-end services for worldwide IP broadcasting. PanAmSat has...

8/3,K/24 (Item 8 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

10291563 (USE FORMAT 7 OR 9 FOR FULLTEXT)

SoftNet Promotes Jonathan Marx to President of ISP Channel and Carol Sorrick to President of Intellicom
PR NEWSWIRE
March 28, 2000
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1155

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... company.
Through its ISP Channel, the company provides a complete Internet access service to partnering **cable** companies. ISP Channel **provides** its **cable** affiliates with cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours...

... faster than standard dial-up when downloading e-mails, files, graphics, audio and video. Additional **ISP** Channel services include personal **web pages** , news groups, and full multi-media capabilities.
SoftNet's Intellicom subsidiary combines Internet services with...

8/3,K/25 (Item 9 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

05696540 (USE FORMAT 7 OR 9 FOR FULLTEXT)
National Cable Television Cooperative (NCTC) and SoftNet Agree to Offer ISP Channel High Speed Internet Access Service to NCTC Members
PR NEWSWIRE
June 10, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 751

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Inc., which is traded on the NASDAQ stock market under the symbol SOFN. ISP Channel **provides** partnering **cable** affiliates with a turnkey Internet solution including cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours a day, seven days a week. ISP Channel **provides** participating **cable** subscribers with high speed Internet access at speeds up to 500 KB per second when downloading files, graphics, audio and video. Additional **ISP** Channel services include e-mail, personal **web pages** , news groups, and full multi-media capabilities. **ISP** Channel also provides access to Microsoft(R) Internet Explorer and Netscape(R) Navigator browsers.
SoftNet...

8/3,K/26 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

12930578 SUPPLIER NUMBER: 68537610 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cox Communications Business Services (Plug in. Do Business.).
San Diego Business Journal, 21, 51, 76
Dec 18, 2000

ISSN: 8750-6890 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1218 LINE COUNT: 00104

... capital budget, or companies weary of the problems associated with owning and maintaining a PBX, **Cox** Centrex may be the answer. **Cox** Centrex is a **central office** -based centrex service that combines a comprehensive list of features with **Cox** 's 100 percent fiber optic network, providing benefits that make it superior to a PBX for many customers

" **Cox** Communications is the premier provider of one-wire services in the country" says Kenneth Hoefle, Vice President of **Cox** Communications, "and -our operations in San Diego maintains one of the country's most advanced...

...in the industry will allow us to bring new products to market in 2001 - including **web hosting** and e-commerce bundling, virtual private network and other solutions for telecommuters."

A Long List...

8/3,K/27 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

11115030 SUPPLIER NUMBER: 54868904 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SoftNet's ISP Channel Unveils ISP Channel Neighborhood, Enhanced, Customized Local WebSite Content for Cable Communities Across the Country.
PR Newswire, 8285
June 14, 1999
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1100 LINE COUNT: 00095

... Systems, Inc. (Nasdaq: SOFN) ISP Channel's comprehensive services to its cable affiliates include cable **head - end** equipment and integration, Internet backbone connectivity, and technical support and customer care twenty-four hours a day, seven days a week. ISP Channel **provides** participating **cable** subscribers with high speed Internet access at speeds up to 500 KB per second when downloading files, graphics, audio and video. Additional **ISP** Channel services include e- mail, personal **web pages** , news groups, multi-media capabilities. **ISP** Channel also provides access to Microsoft(R) Internet Explorer and Netscape(R) Navigator browsers.

SoftNet...

8/3,K/28 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10600845 SUPPLIER NUMBER: 53190456 (USE FORMAT 7 OR 9 FOR FULL TEXT)
MSNBC turns to AccuWeather.
Dickson, Glen
Broadcasting & Cable, 45(1)
Nov 2, 1998
ISSN: 1068-6827 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 212 LINE COUNT: 00020

TEXT:
...its signal's vertical blanking interval to send local weather information from Accu Weather to **Time Warner** Cable customers in New York via graphic inserters installed in **Time Warner** Cable **headends** ; MSNBC may roll out this local weather feature to other MSOs in the future, says...

...high level of automation, adds that MSNBC is happy to be using the same weather **provider** as its companion **Website** , MSNBC.com. "It's important to maintain synergies with the Website," he says.

8/3,K/29 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09652486 SUPPLIER NUMBER: 18933742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sixteen vendors team up on Multicast. (IP Multicast Initiative)
Ellis, Leslie
Multichannel News, v17, n43, p61(3)
Oct 21, 1996
ISSN: 0276-8593 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 658 LINE COUNT: 00058

... speed data services will have to contend with fewer bandwidth bottlenecks that occur beyond their **headend** on the Internet itself.
Cable executives j=knee-deep in high-speed data deployments lauded...

...is definitely something we'll need," said Steve Craddock, vice president of new media for **Comcast** Corp. "It's just one of those things that makes sense, and we're completely...

...are already stuffing about 10 gigabytes' worth of the most frequently requested Web information into **headend** -based "caching" servers, so that cable-modem users accustomed to speed don't get clogged up when accessing popular **sites** .
But if content **providers** and hardware manufacturers embrace the use of the IP Multicast format, some of the current...

8/3,K/30 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09384699 SUPPLIER NUMBER: 19245466 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sun shines on new channels; clouds gather in Redmond. (interview with Sun Microsystems' chairman, CEO Scott McNealy) (Company Business and Marketing) (Interview)
Sperling, Ed; Gage, Deborah
Computer Reseller News, n727, p236(1)
March 17, 1997
DOCUMENT TYPE: Interview ISSN: 0893-8377 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 766 LINE COUNT: 00060

...ABSTRACT: to cable companies. Included in this market are database servers, file servers, applet servers and **Web servers** for **cable providers** ' **head - end** equipment rooms. Sun is moving into the embedded

market, which includes the printer and copier...

...router, hub, switch companies, the set-top box game TV manufacturers, the telephone switch and **head - end** equipment suppliers and the cellular phone and telephone handset suppliers. As an equipment systems company...

8/3,K/31 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02109766 SUPPLIER NUMBER: 19803079 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Awesome voice over managed IP networks. (Internet/Web/Online Service Information)
Newton, Harry
Teleconnect, v15, n8, p10(3)
August, 1997
ISSN: 0740-9354 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2207 LINE COUNT: 00172

... 955-5000) and NetSpeak Corporation signed agreements to develop and provide carrier-grade (i.e., **central office**) product and service solutions for Voice over IP networks. Others are signing, too. NetSpeak is including Internet protocol telephony gateways, servers and **Web** phones.
They're targeting companies, telecom service **providers** , **Internet service providers** (ISPs) and **cable** television operators.
Prepare for another wild ride.
IP NETWORK
IP stands for Internet Protocol. IP...

8/3,K/32 (Item 1 from file: 553)
DIALOG(R)File 553:Wilson Bus. Abs. FullText

04328265 H.W. WILSON RECORD NUMBER: BWBA00078265 (USE FORMAT 7 FOR FULLTEXT)
Remote possibilities.
AUGMENTED TITLE: Web-controlled TV
Quinton, Brian
Telephony v. 239 no14 (Oct. 2 2000) p. 66
LANGUAGE: English
WORD COUNT: 742

(USE FORMAT 7 FOR FULLTEXT)

TEXT:
... click on the ones they want to record. This can be done from Jovio's **site** or from any **Web site** with access to the appropriate **provider** 's electronic program guide.
That click will return to the Jovio server as a request to store that broadcast video stream in a server at a nearby video **headend** operated by their local **cable** or satellite **provider** . Later, the user can send another request via the Jovio **Web page** to download that stream to their TV, where it can be watched with full PVR...

8/3,K/33 (Item 1 from file: 613)

DIALOG(R)File 613:PR Newswire
(c) 2005 PR Newswire Association Inc. All rts. reserv.

00146629 19990720SFTU079 (USE FORMAT 7 FOR FULLTEXT)
Music Industry Sees iBEAM(TM) Webcast of Woodstock '99 as Pivotal Event In Internet History
PR Newswire
Tuesday, July 20, 1999 08:22 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,285

...s terrestrial server network. In order to leapfrog the Internet backbone and possible congestion to **ISP head - ends** , DSL **providers** and **cable**
companies, the **webcast** streams will also be uplinked to the iBEAM satellite
network.

"High-quality video is the...

8/3,K/34 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

02442019 Supplier Number: 61289067 (USE FORMAT 7 FOR FULLTEXT)
Akamai Extends Streaming Media Leadership With Addition of Major Entertainment and Enterprise Customers.
Business Wire, p1055
April 5, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1152

... media delivery solution available across today's largest globally distributed network of over 2,750 **Web servers** within 150 Internet backbones, ISPs **cable head ends** , DSL **providers** and satellite facilities. The scalability of the Akamai network ensures an unparalleled reach to support...

8/3,K/35 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

2195035 80620254
The last mile
Brown, M Steel
Business Journal v19n52 p1
Sep 7, 2001
WORD COUNT: 920
DATELINE: Kansas City Missouri

TEXT:

...companies, such as San Antonio-based Southwestern Bell Telephone Co. and New York-based AOL **Time Warner** Inc., own every segment of networks

providing telephone, Internet or television services locally. These networks - underground cable or overhead wire - run from the **central office** to the customer's front door. The money flows back undivided - to a single **provider** .

Most other **providers** that want to offer **Web** and local phone service through traditional means must pay Southwestern Bell to piggyback on its...

8/3,K/36 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02678976 Supplier Number: 45432001 (USE FORMAT 7 FOR FULLTEXT)
MPEG 2 ENCODER SALES
HDTV Report, v5, n7, pN/A
March 29, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 58

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...will provide turnkey uplink stations using CLI's Magnitude MPEG digital broadcast system to three **providers** of **cable** TV programming in Taiwan. Each **site** will uplink six to eight channels of digital video to about 150 cable **headends** .

8/3,K/37 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02678577 Supplier Number: 45431296 (USE FORMAT 7 FOR FULLTEXT)
MPEG:
CableFAX, pN/A
March 29, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 141

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...will provide turnkey uplink stations using CLI's Magnitude MPEG digital broadcast system to 3 **providers** of **cable** programming in Taiwan. Each **site** will uplink 6 to 8 channels of digital video to about 150 cable **headends** .

8/3,K/38 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

01229590 CMP ACCESSION NUMBER: LTH20010108S0032
A HigherPower
Paul Korzeniowski
TELE.COM, 2001, n 601, PG69
PUBLICATION DATE: 010108

JOURNAL CODE: LTH LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Features
WORD COUNT: 2221

... network that lets content providers ship digital and streaming media to digital subscriber line (DSL) **providers** , **cable** system **headends** , ISPs and broadband wireless providers. Through an alliance with Sonic Foundry Corp. (Madison, Wis.), a developer of digital media tools, services and systems, NET-36 offers content **providers** encoding, content management and live event **Webcasting** services.

Satworks A/G (Copenhagen), an international service **provider** , selected ViaCast equipment to support its new multimedia satellite services. The carrier is targeting the...

8/3,K/39 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

1264509 ATTH031
Scientific-Atlanta Reports Third Quarter Results

DATE: April 23, 1998 16:16 EDT WORD COUNT: 1,851

...Cox Readies San Diego Operation To Launch Digital Services

Scientific-Atlanta announced earlier today that **Cox** Communications, Inc. has selected its San Diego metro system for deployment of Scientific-Atlanta's...

...and interactive network. Currently Scientific- Atlanta is on-site in San Diego helping to integrate **headend** systems with **Cox** 's on- **site** business systems, interactive program guide data **providers** and digital broadcast sources. Commercial launch of **Cox** Digital TV(sm) in San Diego is expected in the second half of 1998. **Cox** has signed a purchase order for an initial quantity of 15,000 Explorer set-tops and **headend** equipment.

Time Warner Cable Ramps Up Digital Deployment
Scientific-Atlanta is announcing today that **Time Warner** has doubled its commitment to Scientific-Atlanta for purchases of Explorer 2000 advanced digital set...
?